

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078406.D
 Acq On : 10 Apr 2015 18:26
 Operator : TP/IZ
 Sample : PB82775BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Manual Integrations
 APPROVED

apatel
 4/14/2015 5:30:07 PM

Quant Time: Apr 13 10:56:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 11 00:31:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	35019	20.00	ng	0.00
21) Naphthalene-d8	8.44	136	146114	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	72336	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	151611	20.00	ng	0.00
75) Chrysene-d12	15.68	240	164275	20.00	ng	-0.01
86) Perylene-d12	17.38	264	168313	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	227942	107.32	ng	0.00
7) Phenol-d6	6.46	99	291269	109.43	ng	0.00
23) Nitrobenzene-d5	7.56	82	169738	70.41	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	70393	117.34	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	340781	67.34	ng	0.00
78) Terphenyl-d14	14.41	244	405814	55.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.66	88	37816m	39.37	ng	
3) Pyridine	2.26	79	70647	28.08	ng	93
4) n-Nitrosodimethylamine	2.20	42	33330m	34.42	ng	
6) Aniline	6.45	93	51698	13.70	ng	# 87
8) 2-Chlorophenol	6.59	128	86157	34.31	ng	97
9) Benzaldehyde	6.29	77	27180	15.41	ng	89
10) Phenol	6.48	94	111832	35.06	ng	99
11) bis(2-Chloroethyl)ether	6.56	93	77298	33.70	ng	95
12) 1,3-Dichlorobenzene	6.77	146	88920	32.23	ng	99
13) 1,4-Dichlorobenzene	6.88	146	87646	31.56	ng	99
14) 1,2-Dichlorobenzene	7.06	146	85823	32.96	ng	99
15) Benzyl Alcohol	7.06	79	68763	36.76	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	105028	34.33	ng	98
17) 2-Methylphenol	7.22	107	66841	34.28	ng	96
18) Hexachloroethane	7.48	117	30339	32.40	ng	97
19) n-Nitroso-di-n-propylamine	7.39	70	56737	32.31	ng	# 84
20) 3+4-Methylphenols	7.42	107	91214	35.07	ng	93
22) Acetophenone	7.38	105	117947	34.65	ng	# 93
24) Nitrobenzene	7.58	77	88154	34.98	ng	90
25) Isophorone	7.88	82	148948	32.56	ng	# 92
26) 2-Nitrophenol	7.97	139	40579	33.79	ng	# 76
27) 2,4-Dimethylphenol	8.06	122	78043	34.95	ng	94
28) bis(2-Chloroethoxy)methane	8.18	93	98515	33.58	ng	99
29) 2,4-Dichlorophenol	8.28	162	73450	36.15	ng	90
30) 1,2,4-Trichlorobenzene	8.37	180	74972	32.19	ng	97
31) Naphthalene	8.46	128	250132	32.89	ng	99
32) Benzoic acid	8.19	122	42161	41.09	ng	92
33) 4-Chloroaniline	8.56	127	47662	15.10	ng	96
34) Hexachlorobutadiene	8.62	225	41935	32.79	ng	97
35) Caprolactam	8.97	113	23932	39.46	ng	99
36) 4-Chloro-3-methylphenol	9.17	107	75907	37.03	ng	92
37) 2-Methylnaphthalene	9.32	142	170458	33.01	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	71670	31.98	ng	98
40) Hexachlorocyclopentadiene	9.50	237	61524	65.15	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078406.D
 Acq On : 10 Apr 2015 18:26
 Operator : TP/IZ
 Sample : PB82775BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Manual Integrations
 APPROVED

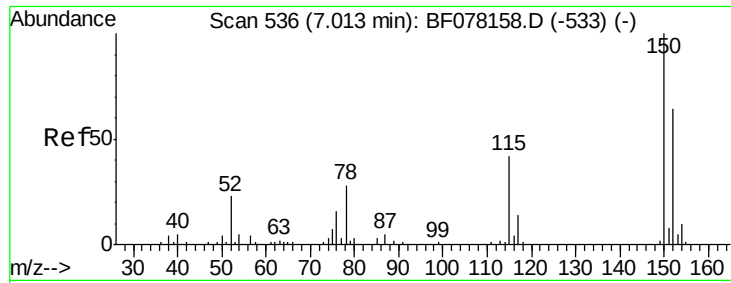
apatel
 4/14/2015 5:30:07 PM

Quant Time: Apr 13 10:56:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 11 00:31:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.68	196	49899	35.30	ng	99
43) 2,4,5-Trichlorophenol	9.73	196	52681	35.67	ng #	83
45) 1,1'-Biphenyl	9.90	154	202483	34.22	ng	99
46) 2-Chloronaphthalene	9.92	162	160365	34.45	ng	97
47) 2-Nitroaniline	10.05	65	44265	38.43	ng	92
48) Acenaphthylene	10.42	152	260649	34.67	ng	100
49) Dimethylphthalate	10.29	163	181455	33.39	ng	99
50) 2,6-Dinitrotoluene	10.37	165	39885	35.67	ng	93
51) Acenaphthene	10.64	154	145839	34.46	ng	100
52) 3-Nitroaniline	10.57	138	30293	23.83	ng	90
53) 2,4-Dinitrophenol	10.70	184	27680	68.62	ng	95
54) Dibenzofuran	10.85	168	224096	34.67	ng	93
55) 4-Nitrophenol	10.81	139	66191	71.03	ng #	77
56) 2,4-Dinitrotoluene	10.86	165	54517	37.65	ng	90
57) Fluorene	11.27	166	185817	35.46	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.01	232	41263	37.69	ng	99
59) Diethylphthalate	11.17	149	185961	35.49	ng	99
60) 4-Chlorophenyl-phenylether	11.29	204	86710	35.97	ng #	90
61) 4-Nitroaniline	11.31	138	40885	31.81	ng	89
62) Azobenzene	11.48	77	193232	40.41	ng	88
64) 4,6-Dinitro-2-methylphenol	11.36	198	23022	33.70	ng #	74
65) n-Nitrosodiphenylamine	11.44	169	158617	30.25	ng	99
66) 4-Bromophenyl-phenylether	11.88	248	48995	30.51	ng	95
67) Hexachlorobenzene	11.94	284	55367	31.47	ng	94
68) Atrazine	12.12	200	52766	34.74	ng	96
69) Pentachlorophenol	12.19	266	53565	69.75	ng	99
70) Phenanthrene	12.44	178	276662	31.55	ng	99
71) Anthracene	12.51	178	287194	33.23	ng	100
72) Carbazole	12.73	167	288463	35.62	ng	99
73) Di-n-butylphthalate	13.20	149	307081	33.47	ng	99
74) Fluoranthene	13.91	202	307223	33.22	ng	99
76) Benzidine	14.11	184	102075	16.14	ng	97
77) Pyrene	14.18	202	335983	32.58	ng	99
79) Butylbenzylphthalate	15.04	149	139737	35.55	ng	87
80) Benzo(a)anthracene	15.67	228	320266	32.77	ng	98
81) 3,3'-Dichlorobenzidine	15.65	252	55127	16.84	ng #	96
82) Chrysene	15.71	228	306324	33.36	ng	100
83) Bis(2-ethylhexyl)phthalate	15.76	149	201623	32.71	ng #	94
84) Di-n-octyl phthalate	16.55	149	359973	35.56	ng #	100
85) Indeno(1,2,3-cd)pyrene	18.63	276	380557	36.52	ng #	87
87) Benzo(b)fluoranthene	16.95	252	392503	37.73	ng #	97
88) Benzo(k)fluoranthene	16.98	252	261120m	28.25	ng	
89) Benzo(a)pyrene	17.32	252	327049	36.02	ng	99
90) Dibenzo(a,h)anthracene	18.65	278	302026	33.23	ng	96
91) Benzo(g,h,i)perylene	18.98	276	308187	33.82	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

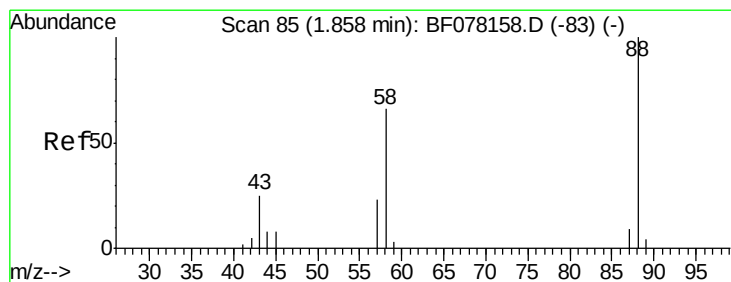
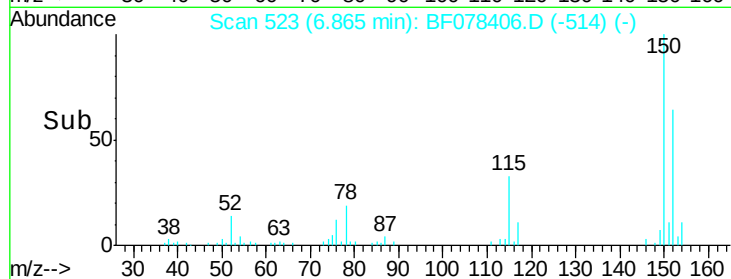
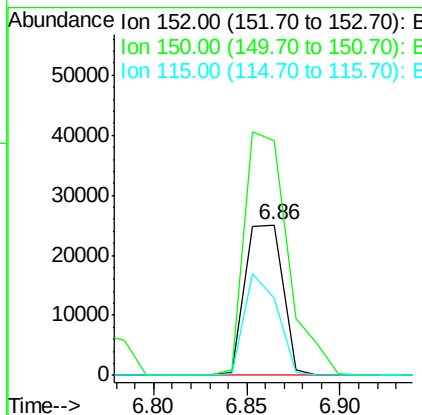
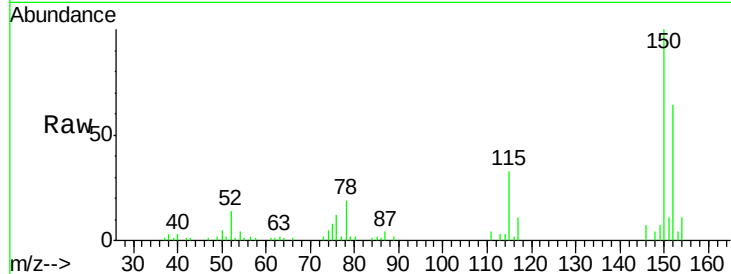
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Instrument :
BNA_F
ClientSampled :
PB82775BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.9	188.9
115	51.4	52.7	79.1#

Manual Integrations
APPROVED

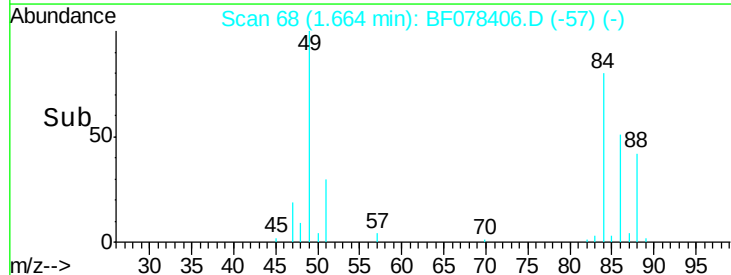
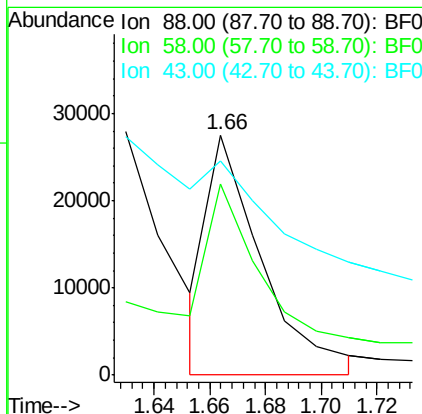
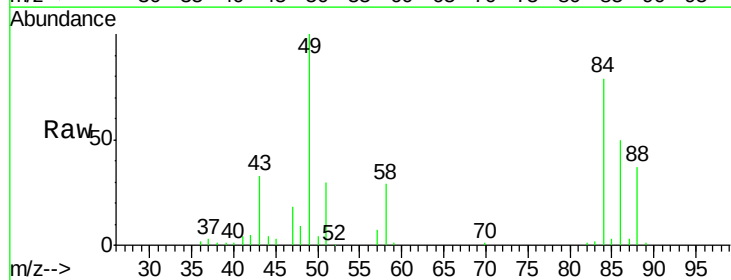
apatel
4/14/2015 5:30:07 PM

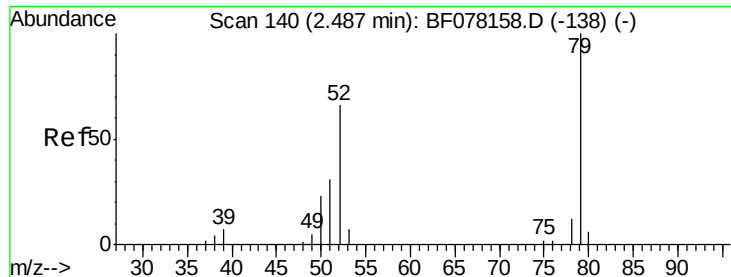


#2

1,4-Dioxane
Concen: 39.37 ng m
RT: 1.66 min Scan# 68
Delta R.T. 0.02 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	56.9	85.3#
43	0.0	21.4	32.2#





#3

Pyridine

Concen: 28.08 ng

RT: 2.26 min Scan# 120

Delta R.T. 0.03 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

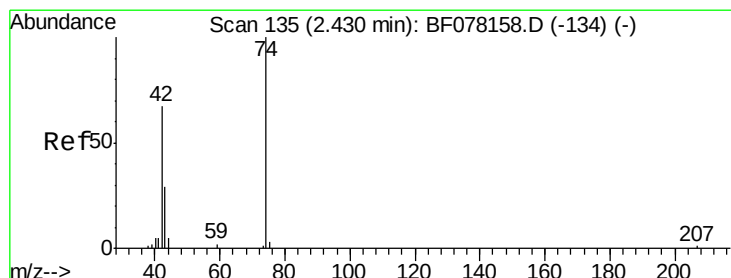
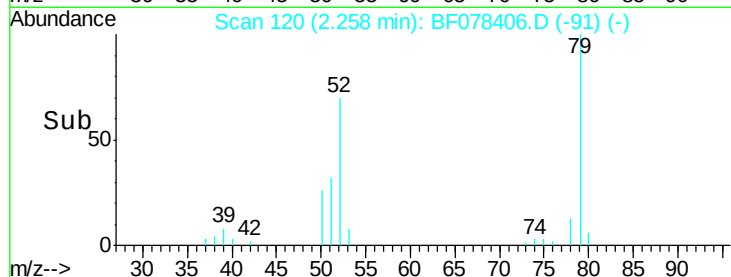
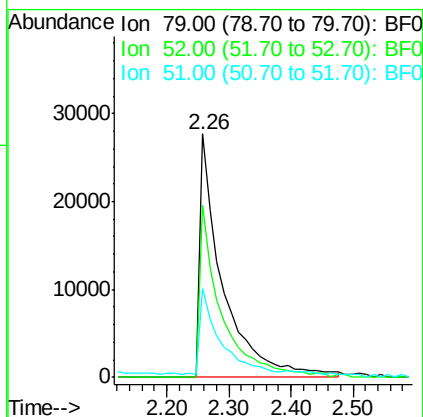
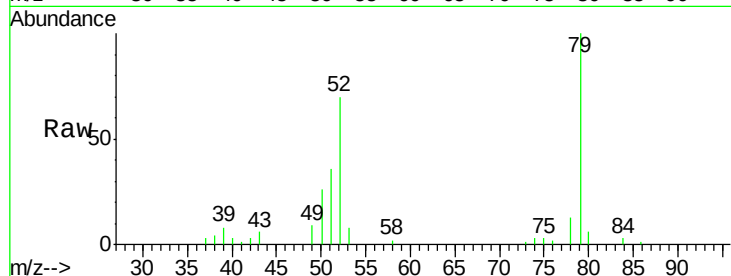
ClientSampleId :

PB82775BS

Tgt Ion:	79	Resp:	70647
Ion	Ratio	Lower	Upper
79	100		
52	70.4	52.4	78.6
51	36.5	24.9	37.3

Manual Integrations
APPROVED

apatel
4/14/2015 5:30:07 PM



#4

n-Nitrosodimethylamine

Concen: 34.42 ng m

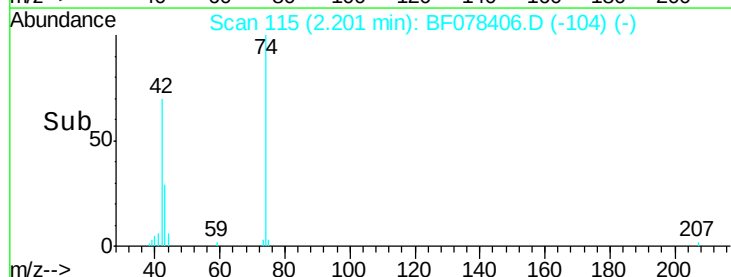
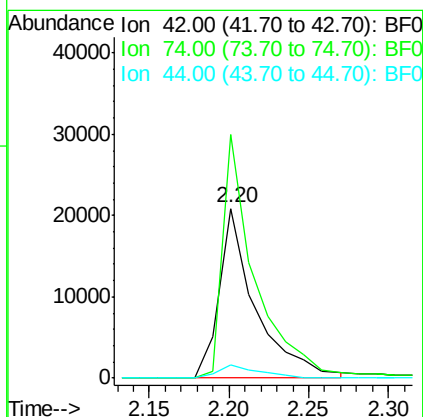
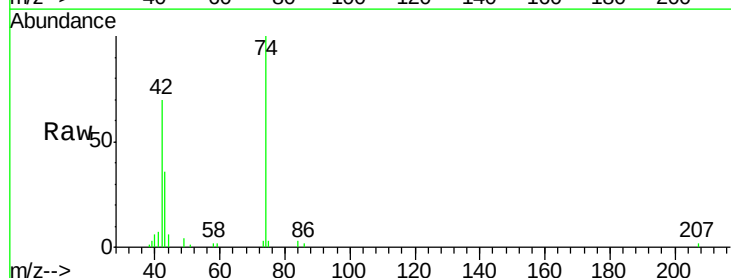
RT: 2.20 min Scan# 115

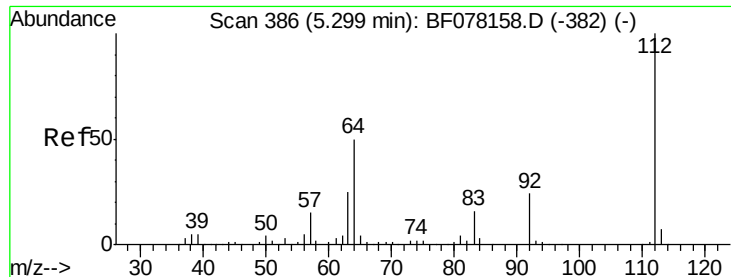
Delta R.T. 0.02 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Tgt Ion:	42	Resp:	33330
Ion	Ratio	Lower	Upper
42	100		
74	143.7	118.7	178.1
44	8.0	5.9	8.9





#5

2-Fluorophenol

Concen: 107.32 ng

RT: 5.12 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

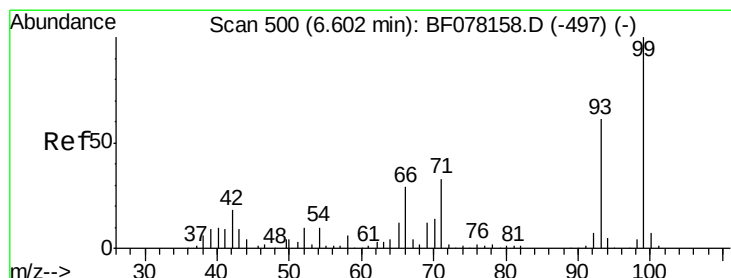
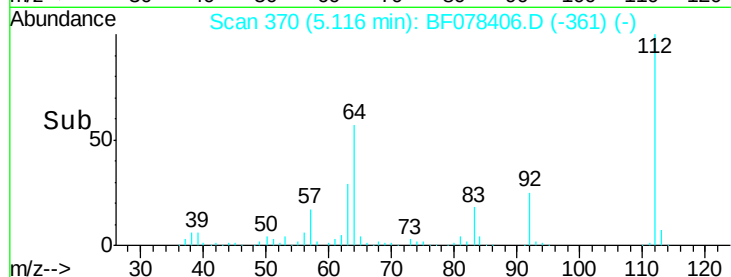
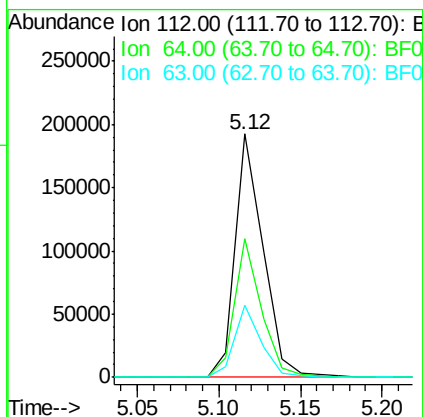
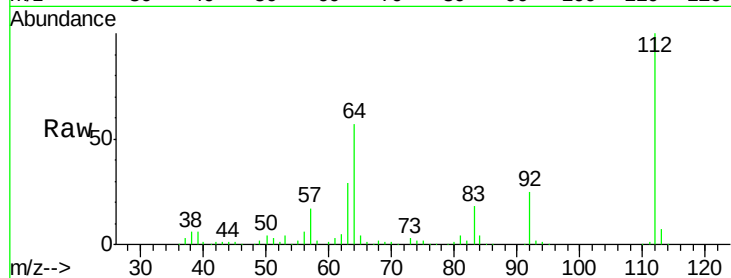
ClientSampleId :

PB82775BS

Tgt Ion:	112	Resp:	227942
Ion Ratio	Lower	Upper	
112	100		
64	57.0	39.9	59.9
63	29.4	20.2	30.4

Manual Integrations
APPROVED

apatel
4/14/2015 5:30:07 PM



#6

Aniline

Concen: 13.70 ng

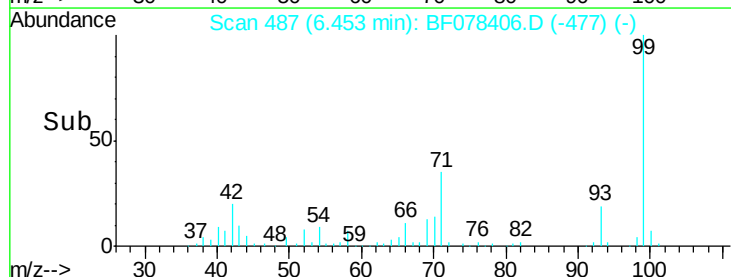
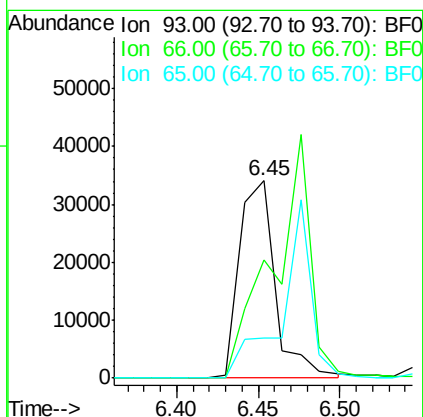
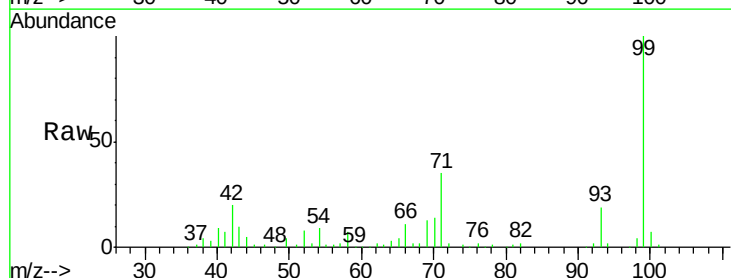
RT: 6.45 min Scan# 487

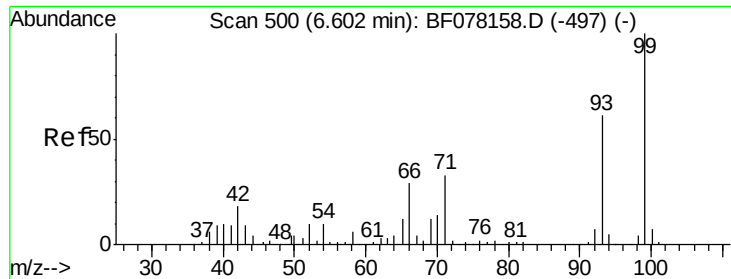
Delta R.T. 0.01 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Tgt Ion:	93	Resp:	51698
Ion Ratio	Lower	Upper	
93	100		
66	59.9	38.0	57.0#
65	20.5	16.3	24.5





#7

Phenol-d6

Concen: 109.43 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

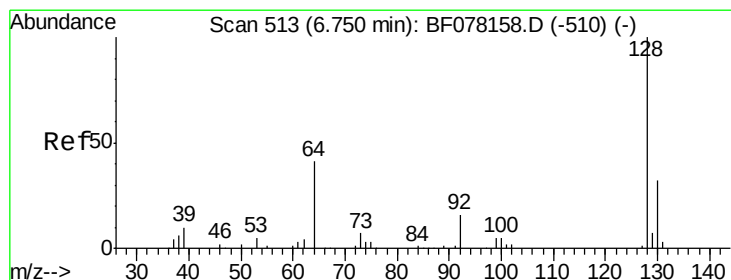
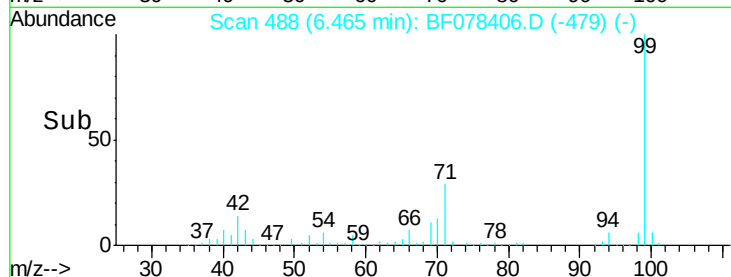
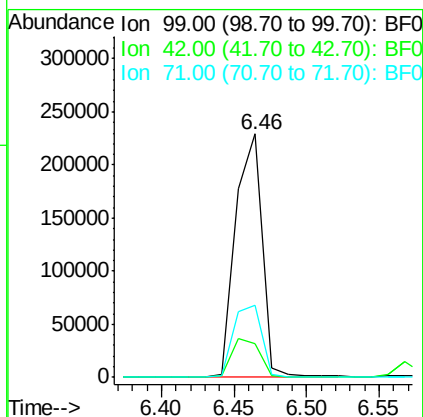
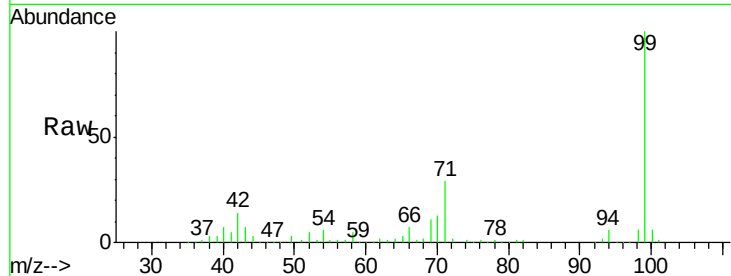
ClientSampleId :

PB82775BS

Tgt Ion:	99	Resp:	291269
Ion Ratio	Lower	Upper	
99	100		
42	13.8	14.8	22.2#
71	29.4	26.6	39.8

Manual Integrations
APPROVED

apatel
4/14/2015 5:30:07 PM



#8

2-Chlorophenol

Concen: 34.31 ng

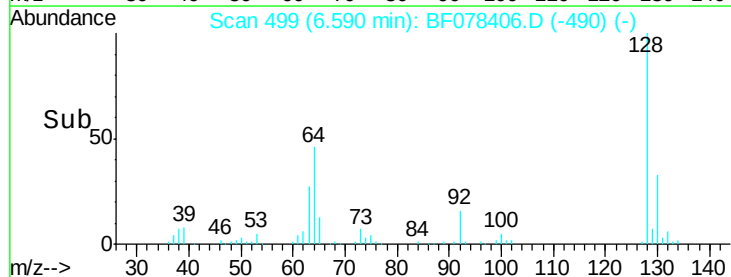
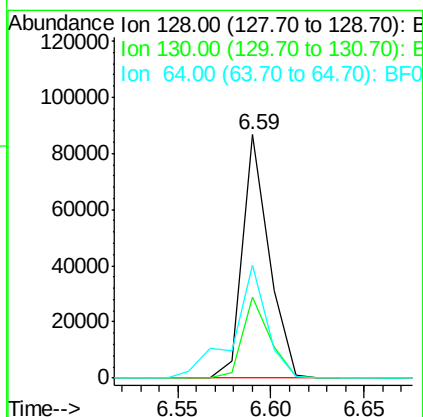
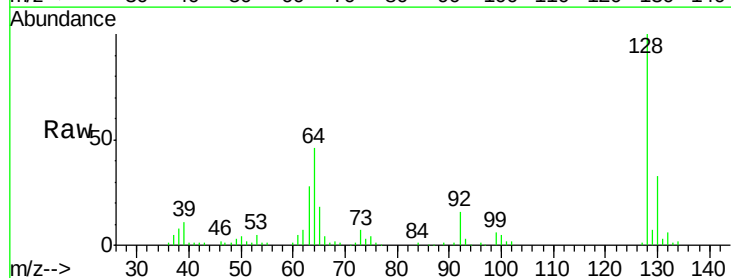
RT: 6.59 min Scan# 499

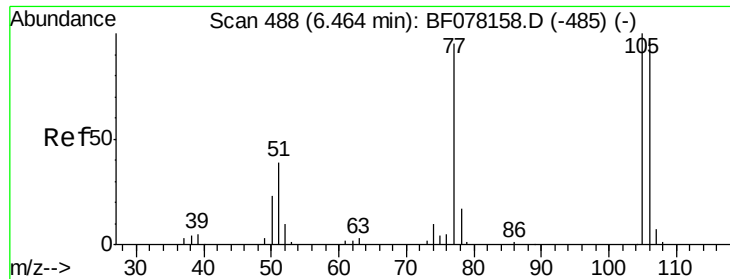
Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Tgt Ion:	128	Resp:	86157
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.3	52.3
64	46.5	23.8	63.8





#9

Benzaldehyde

Concen: 15.41 ng

RT: 6.29 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF078406.D

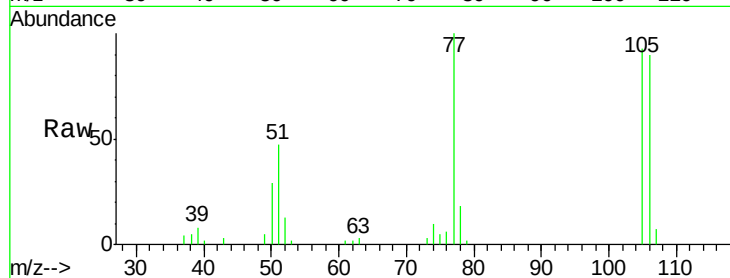
Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

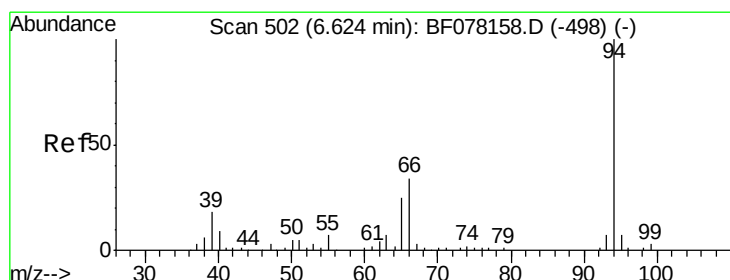
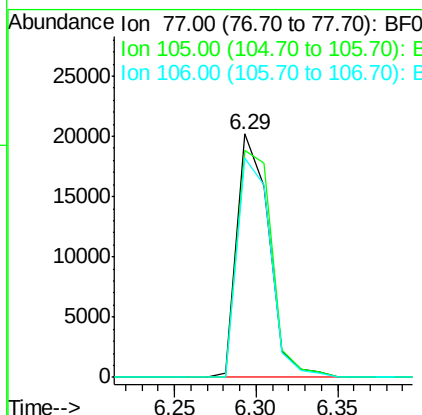
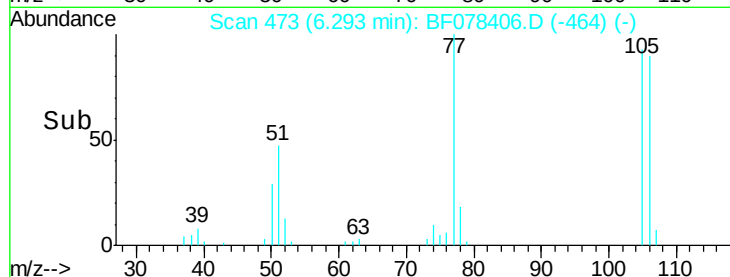
PB82775BS



Tgt Ion:	77	Resp:	27180
Ion	Ratio	Lower	Upper
77	100		
105	93.2	85.4	125.4
106	90.0	80.8	120.8

Manual Integrations
APPROVED

apatel
4/14/2015 5:30:07 PM



#10

Phenol

Concen: 35.06 ng

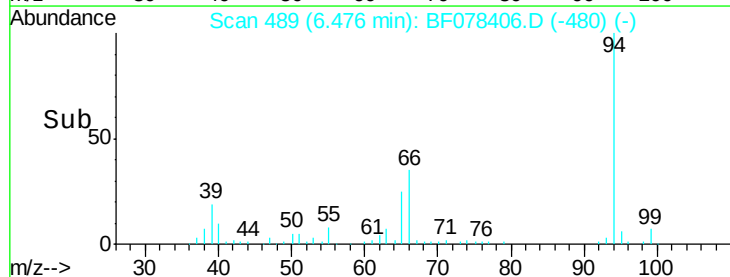
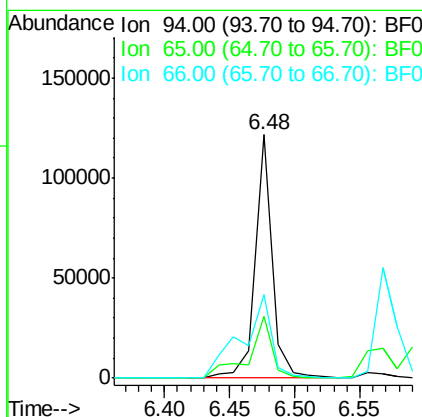
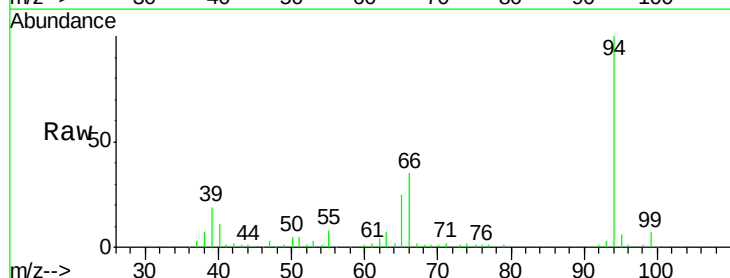
RT: 6.48 min Scan# 489

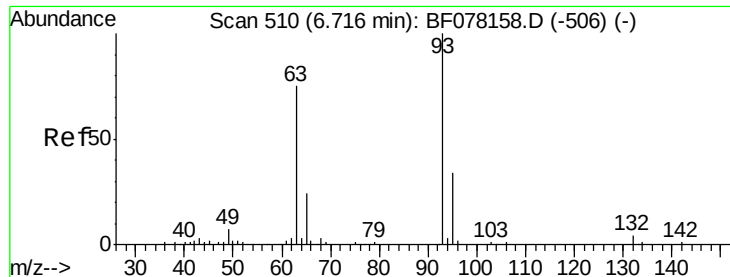
Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Tgt Ion:	94	Resp:	111832
Ion	Ratio	Lower	Upper
94	100		
65	25.3	4.9	44.9
66	34.5	13.8	53.8





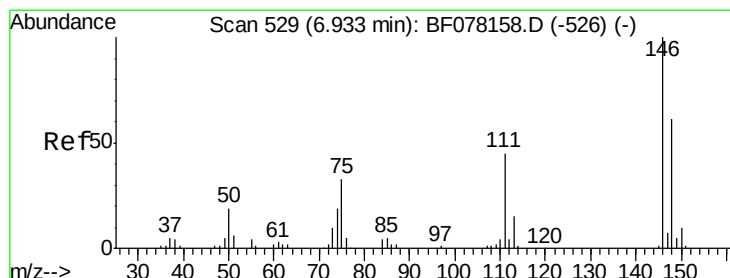
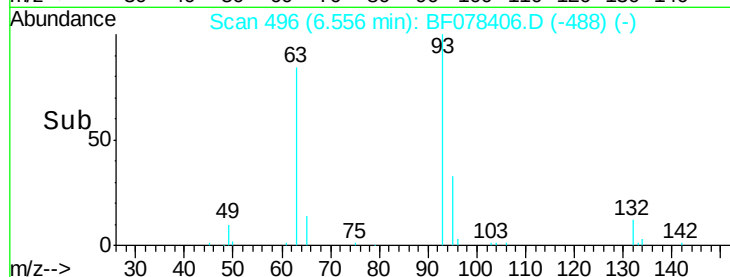
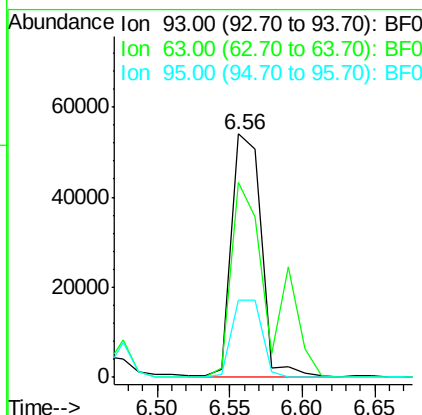
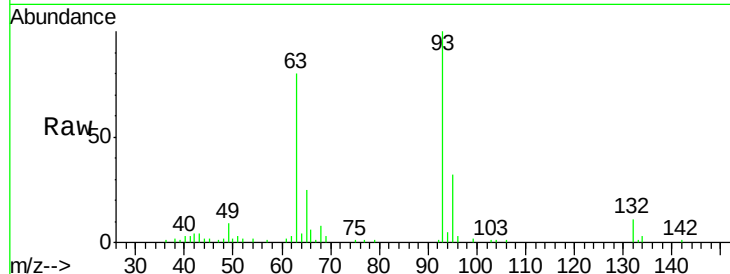
#11
bis(2-Chloroethyl)ether
Concen: 33.70 ng
RT: 6.56 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Instrument :
BNA_F
ClientSampleId :
PB82775BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	77298		
63	80.0	54.6	94.6	
95	31.9	13.6	53.6	

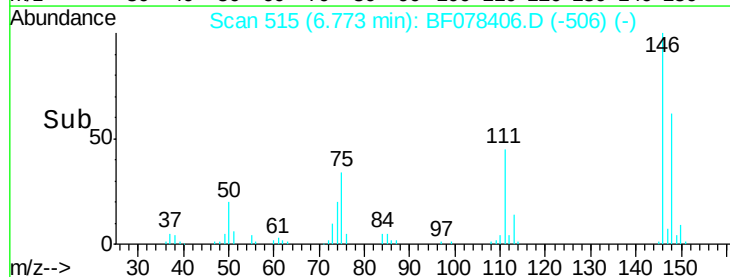
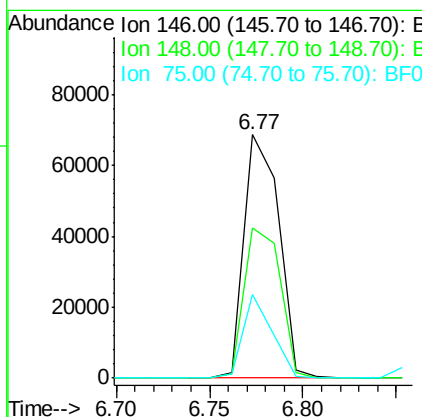
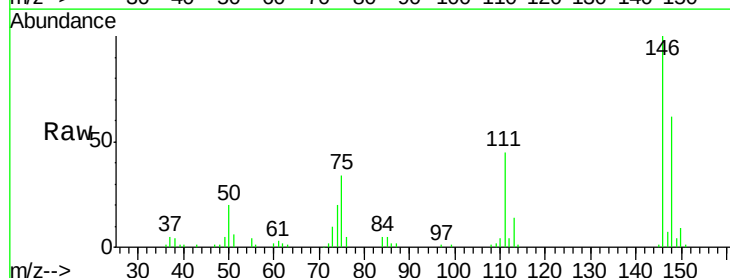
Manual Integrations
APPROVED

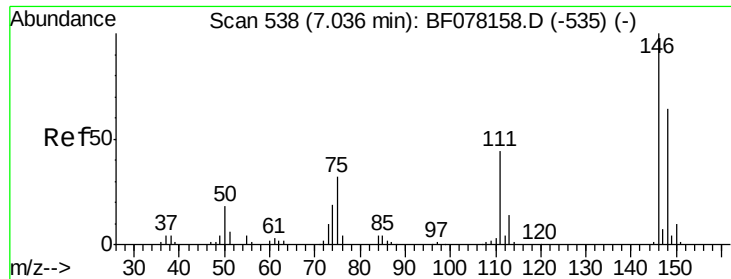
apatel
4/14/2015 5:30:07 PM



#12
1,3-Dichlorobenzene
Concen: 32.23 ng
RT: 6.77 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	88920		
148	61.9	49.1	73.7	
75	34.3	26.6	40.0	





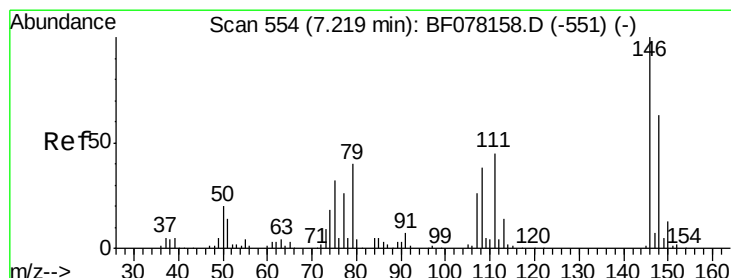
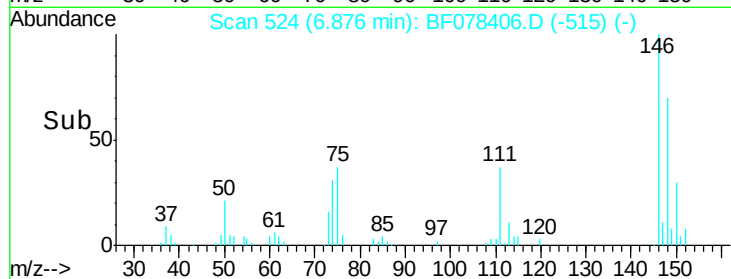
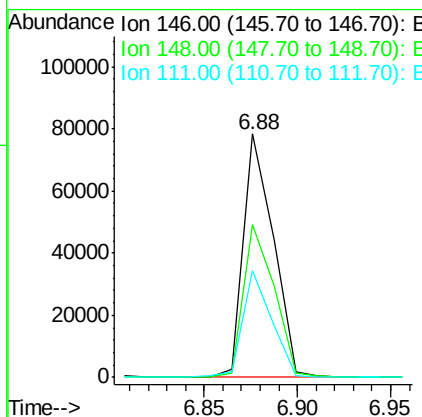
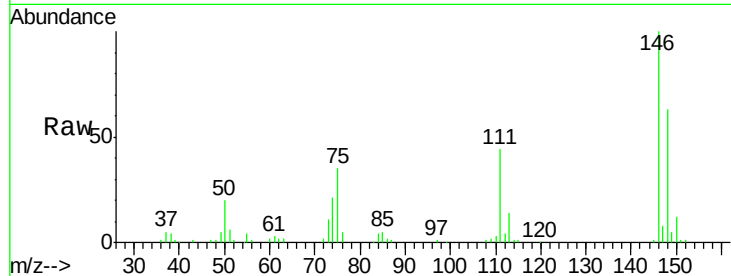
#13
 1,4-Dichlorobenzene
 Concen: 31.56 ng
 RT: 6.88 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.4	77.0
111	43.7	35.0	52.4

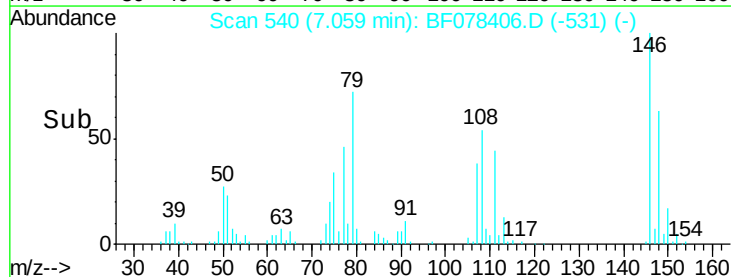
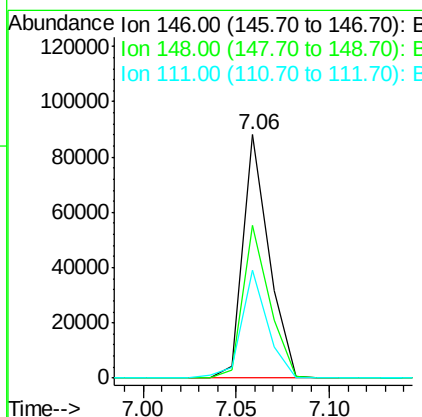
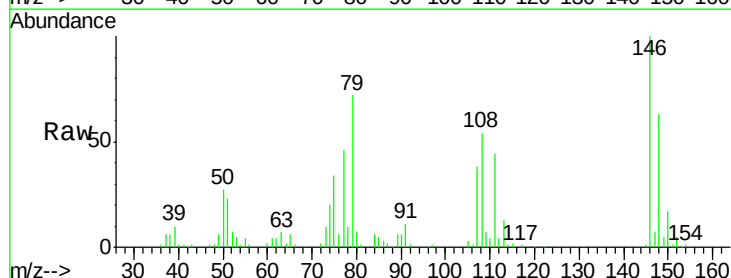
Manual Integrations
 APPROVED

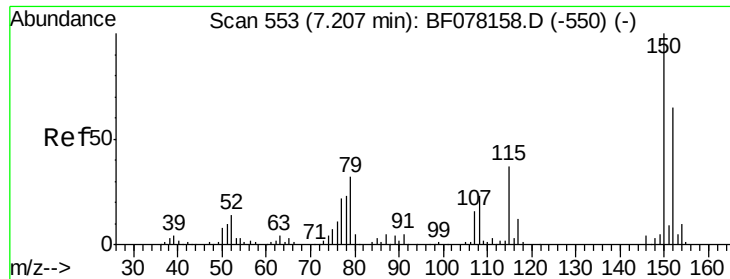
apatel
 4/14/2015 5:30:07 PM



#14
 1,2-Dichlorobenzene
 Concen: 32.96 ng
 RT: 7.06 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.2	75.4
111	44.3	36.1	54.1





#15

Benzyl Alcohol

Concen: 36.76 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

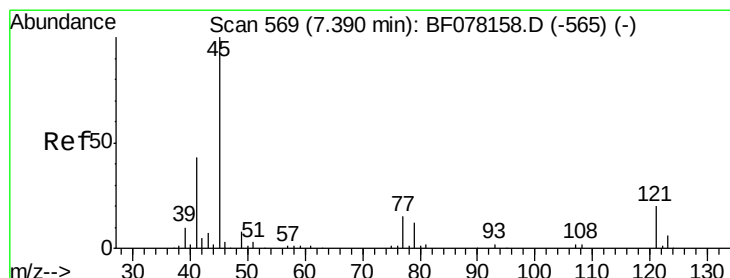
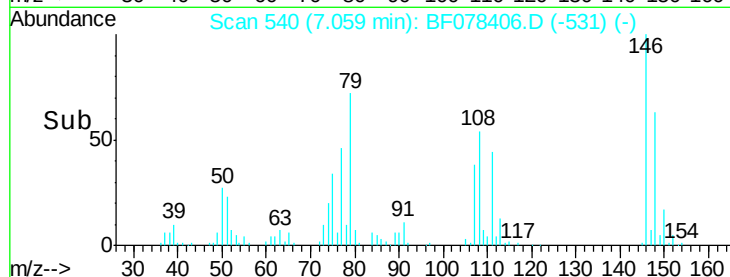
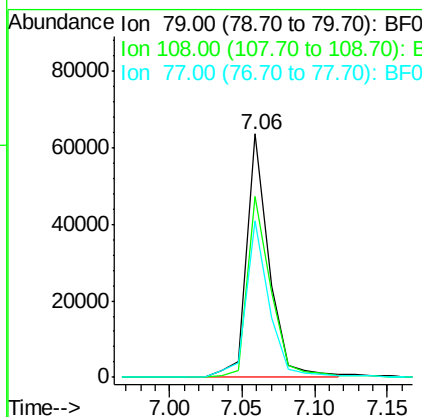
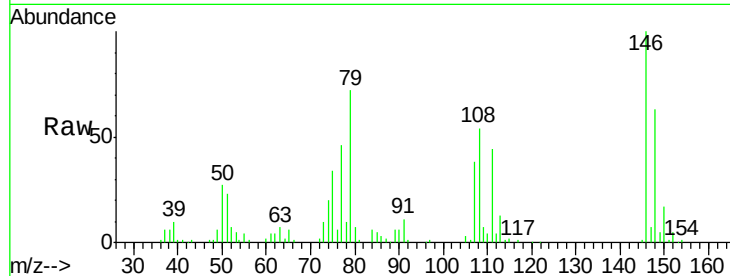
ClientSampleId :

PB82775BS

Tgt Ion:	79	Resp:	68763
Ion Ratio	Lower	Upper	
79	100		
108	74.5	57.6	86.4
77	64.1	53.5	80.3

Manual Integrations
APPROVED

apatel
4/14/2015 5:30:07 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.33 ng

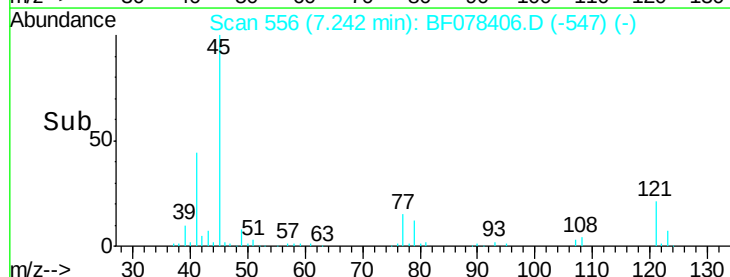
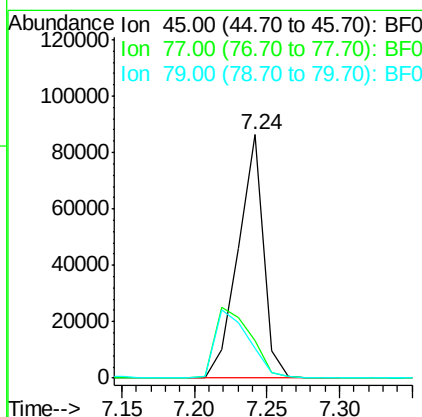
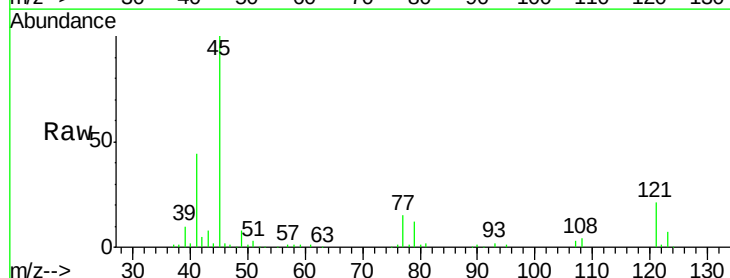
RT: 7.24 min Scan# 556

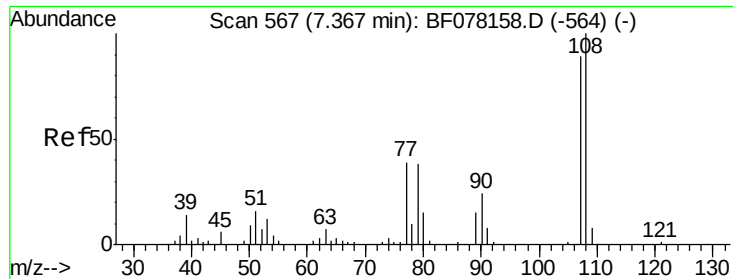
Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Tgt Ion:	45	Resp:	105028
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	34.5
79	12.3	0.0	31.9





#17

2-Methylphenol

Concen: 34.28 ng

RT: 7.22 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

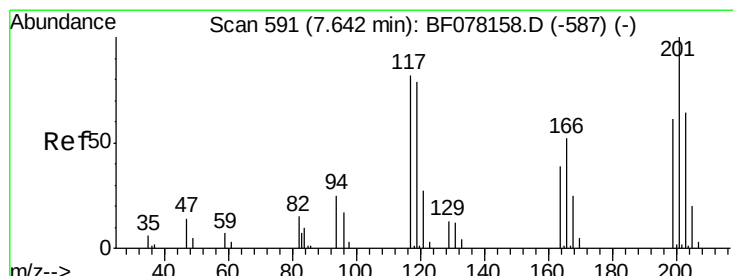
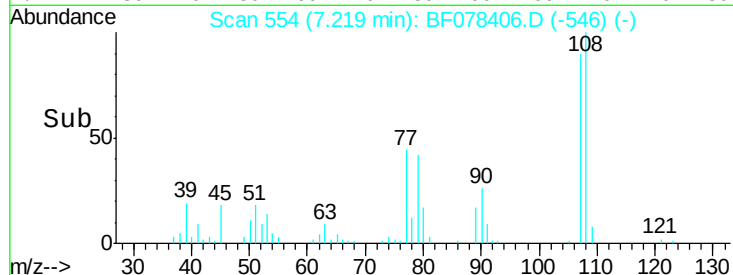
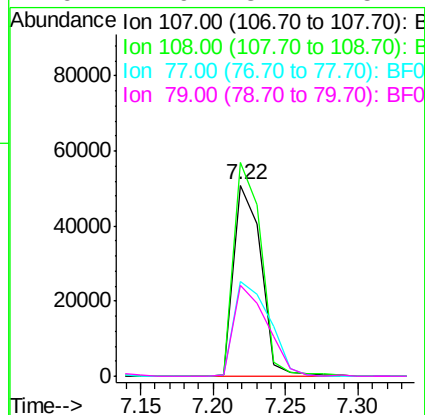
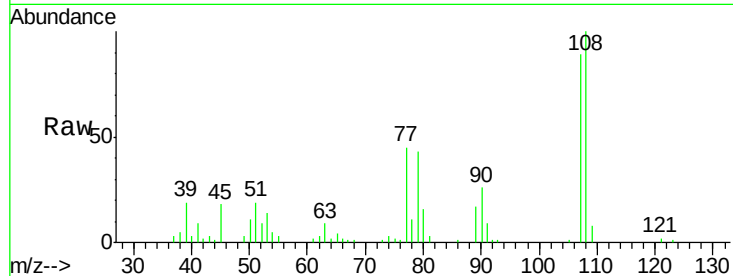
ClientSampleId :

PB82775BS

Tgt Ion:	107	Resp:	66841
Ion Ratio	Lower	Upper	
107	100		
108	111.9	90.3	135.5
77	49.8	35.5	53.3
79	47.9	34.2	51.4

Manual Integrations
APPROVED

apatel
4/14/2015 5:30:07 PM



#18

Hexachloroethane

Concen: 32.40 ng

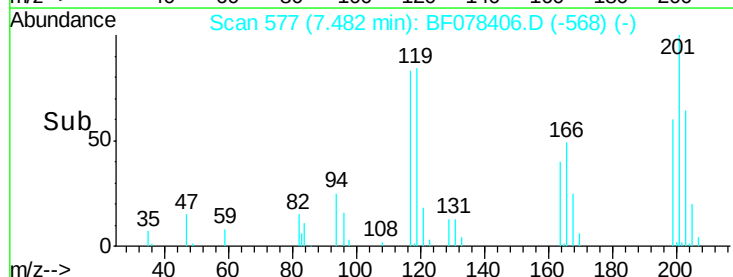
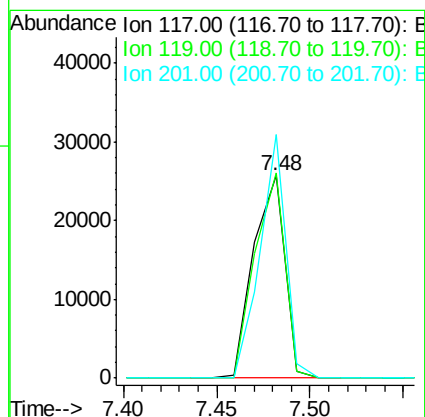
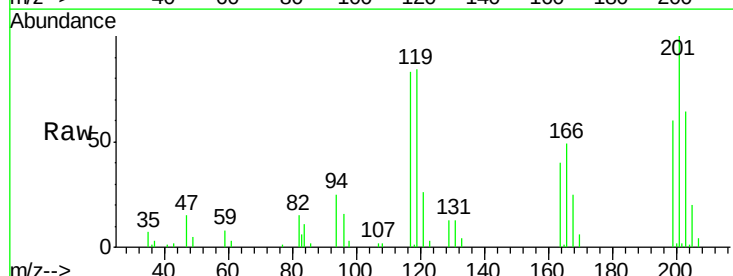
RT: 7.48 min Scan# 577

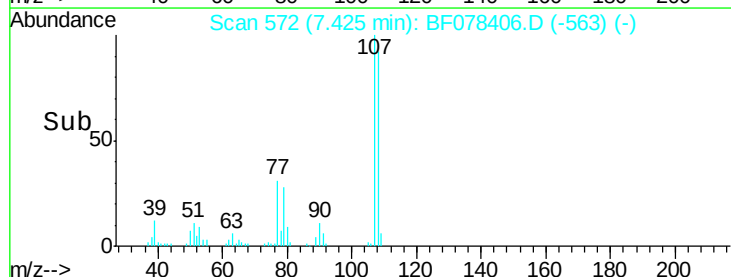
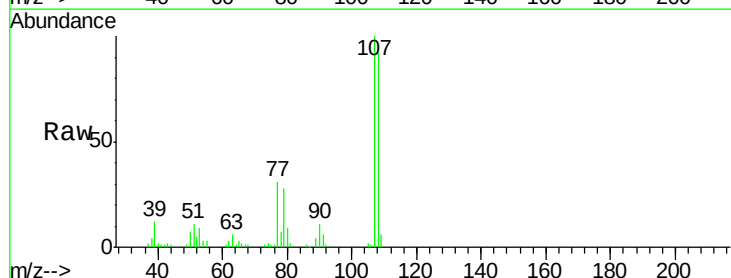
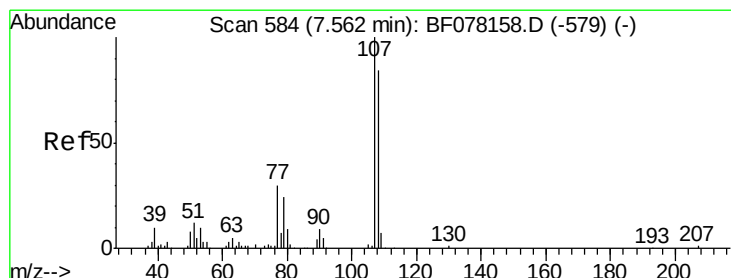
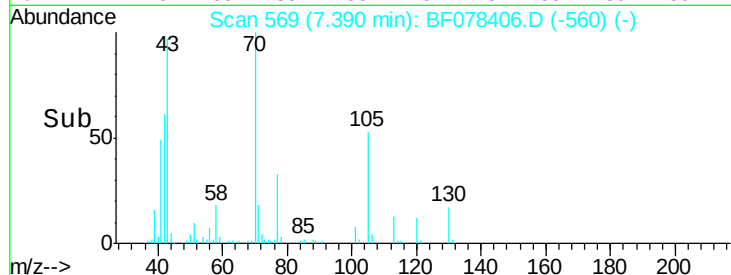
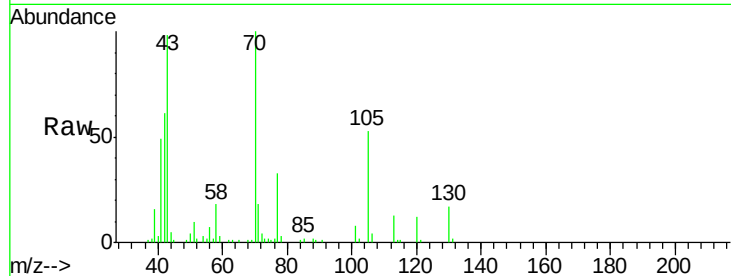
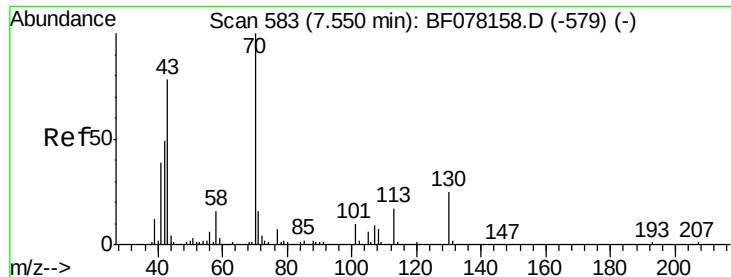
Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Tgt Ion:	117	Resp:	30339
Ion Ratio	Lower	Upper	
117	100		
119	101.4	77.0	115.6
201	120.5	98.1	147.1





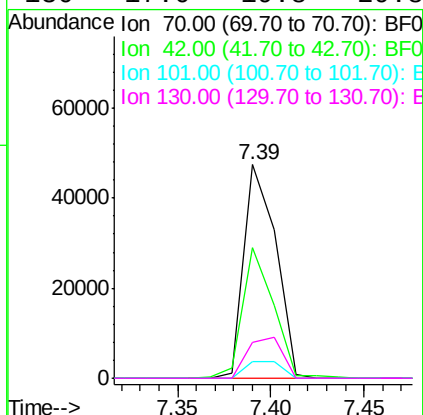
#19
n-Nitroso-di-n-propylamine
Concen: 32.31 ng
RT: 7.39 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Instrument :
BNA_F
ClientSampleId :
PB82775BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.0	38.9	58.3#
101	8.1	8.3	12.5#
130	17.0	19.8	29.8#

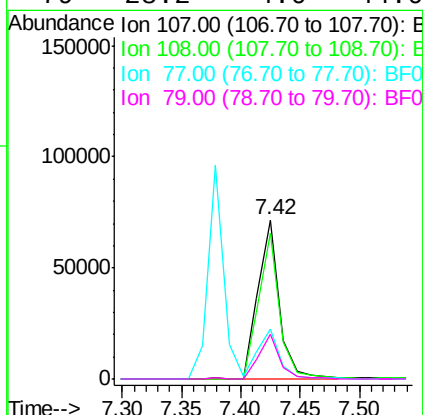
Manual Integrations
APPROVED

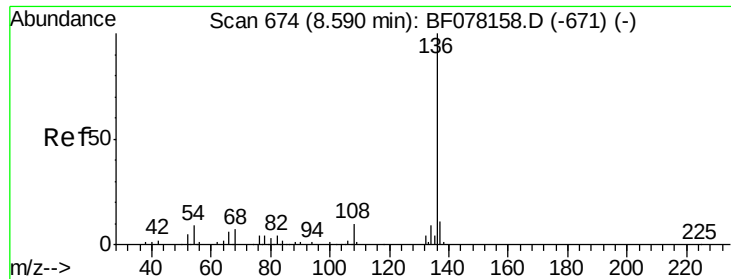
apatel
4/14/2015 5:30:07 PM



#20
3+4-Methylphenols
Concen: 35.07 ng
RT: 7.42 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	64.4	104.4
77	31.5	9.7	49.7
79	28.2	4.0	44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.44 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF078406.D

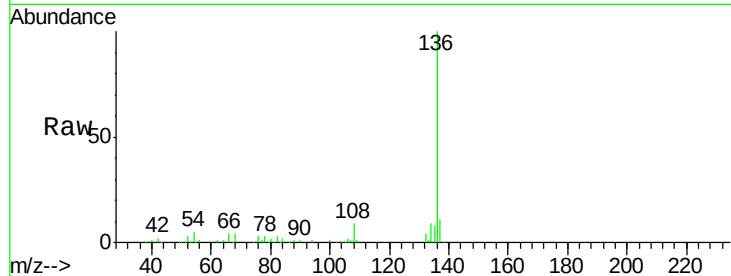
Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

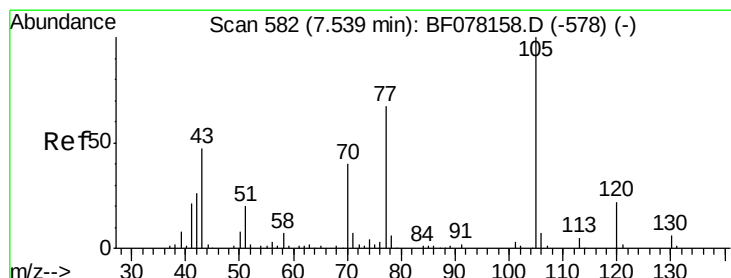
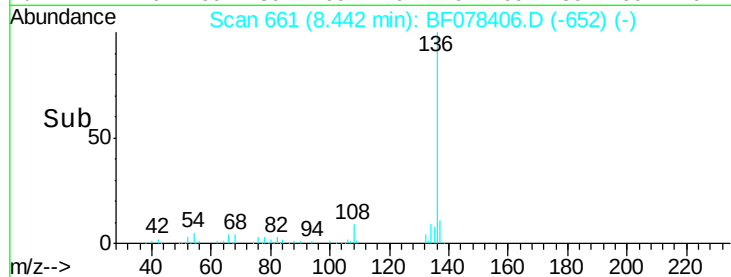
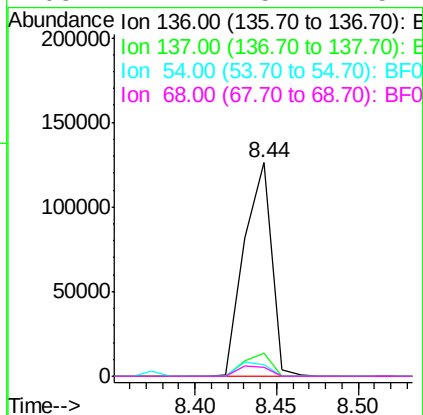
PB82775BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.8	9.0	13.4
54	5.4	7.0	10.6#
68	4.4	5.4	8.2#

Manual Integrations
APPROVED

apatel
4/14/2015 5:30:07 PM



#22

Acetophenone

Concen: 34.65 ng

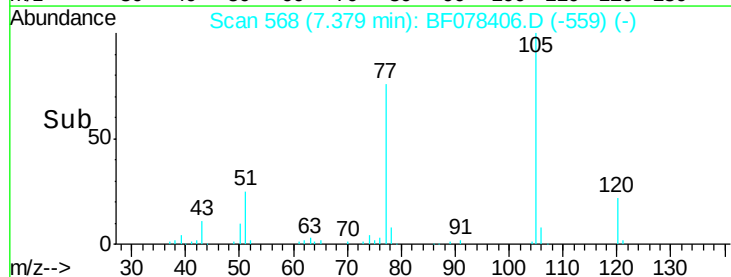
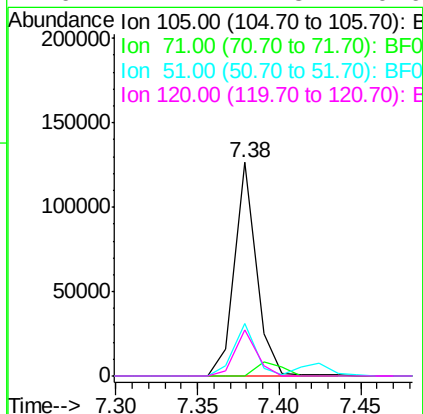
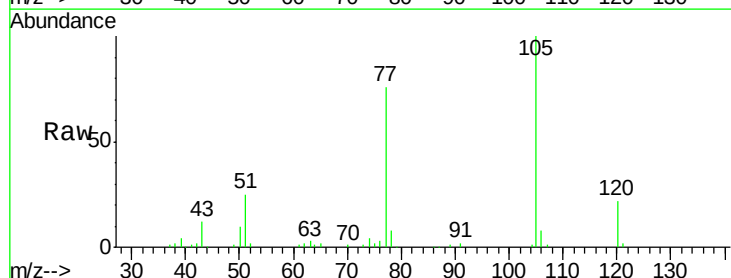
RT: 7.38 min Scan# 568

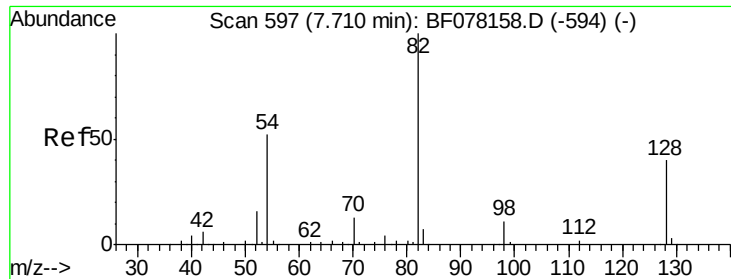
Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	0.0	5.5	8.3#
51	24.6	16.0	24.0#
120	21.7	17.8	26.6





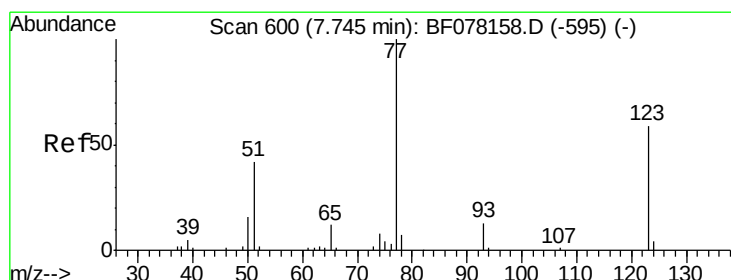
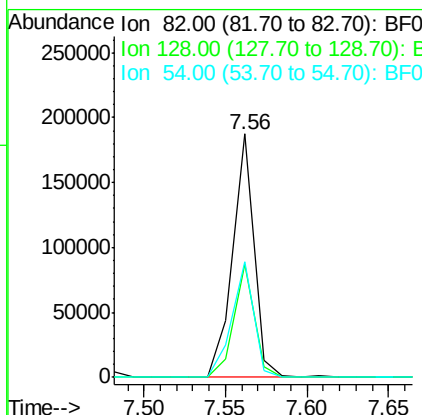
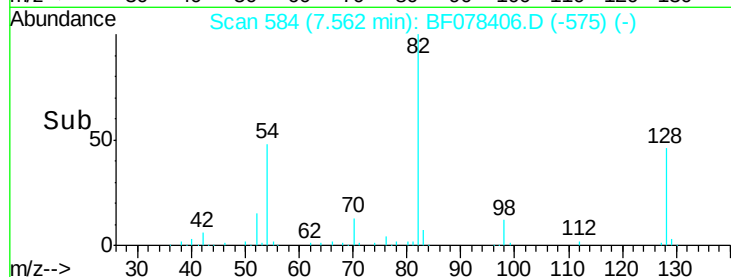
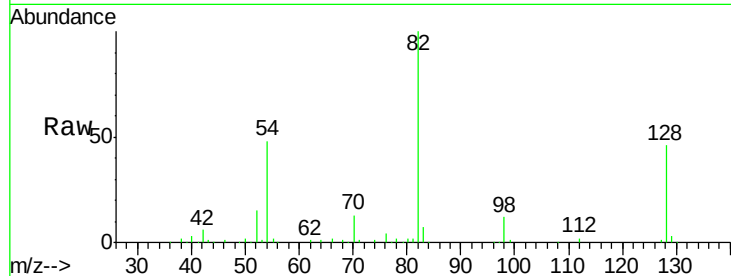
#23
 Nitrobenzene-d5
 Concen: 70.41 ng
 RT: 7.56 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleID :
 PB82775BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	169738		
128	46.3	31.8	47.8	
54	47.5	41.5	62.3	

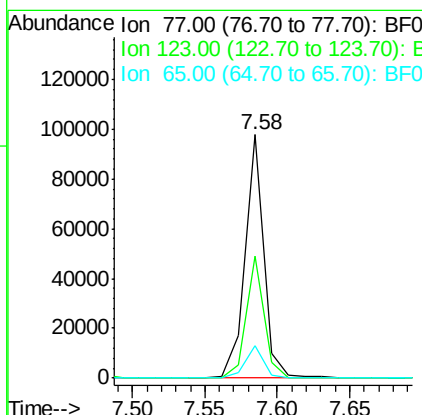
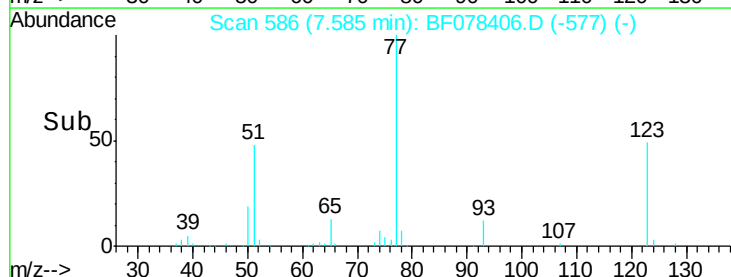
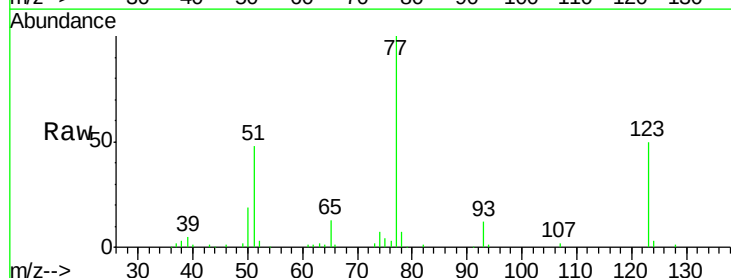
Manual Integrations
 APPROVED

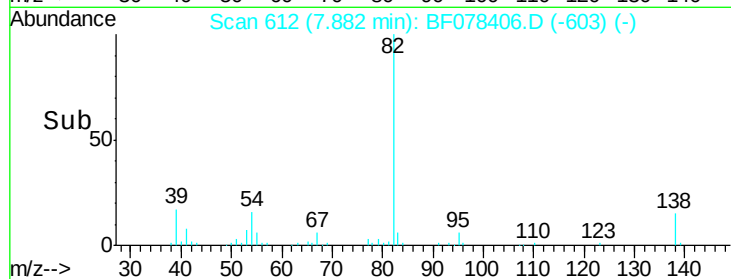
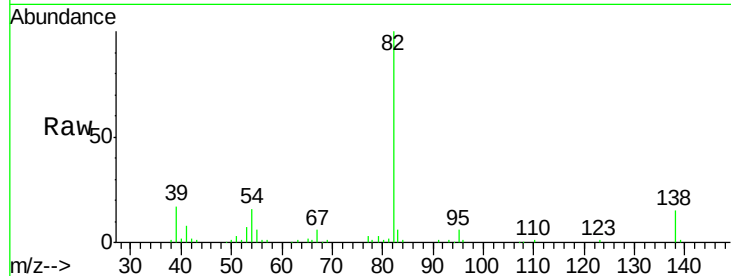
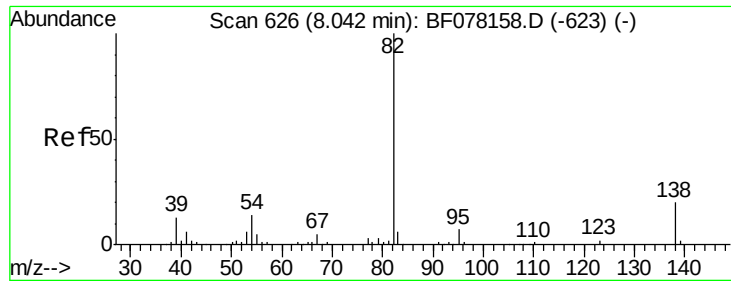
apatel
 4/14/2015 5:30:07 PM



#24
 Nitrobenzene
 Concen: 34.98 ng
 RT: 7.58 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	88154		
123	50.2	46.9	70.3	
65	13.2	9.5	14.3	





#25

Isophorone

Concen: 32.56 ng

RT: 7.88 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	148948		
95	6.5	5.7	8.5	
138	14.9	15.8	23.8#	

Instrument :

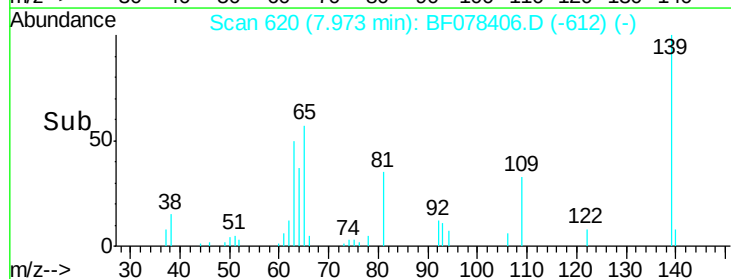
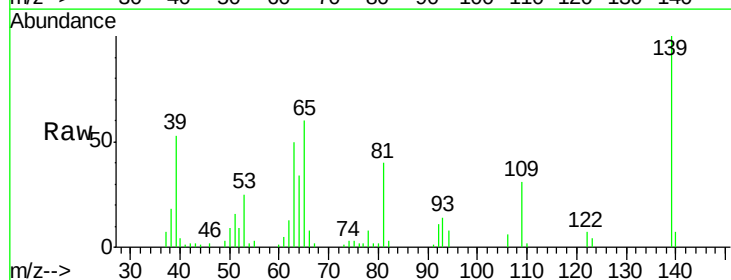
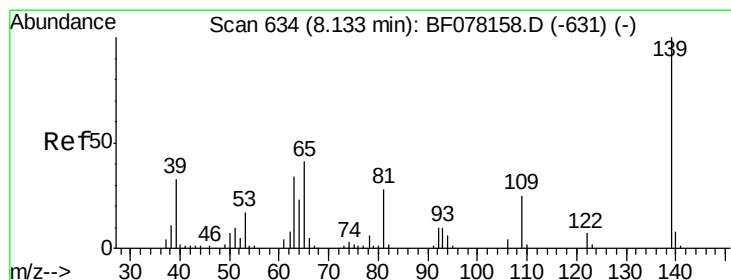
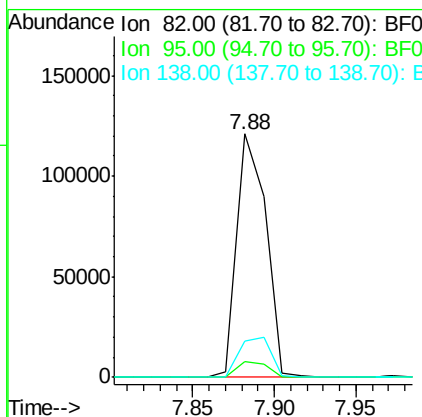
BNA_F

ClientSampleId :

PB82775BS

Manual Integrations
APPROVED

apatel
4/14/2015 5:30:07 PM



#26

2-Nitrophenol

Concen: 33.79 ng

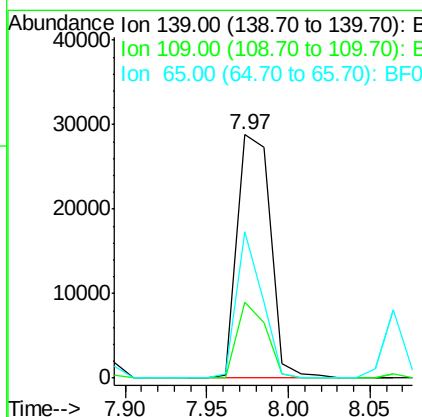
RT: 7.97 min Scan# 620

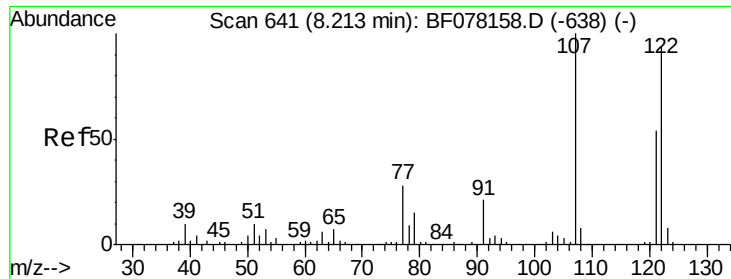
Delta R.T. -0.01 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	40579		
109	31.1	19.8	29.8#	
65	59.9	32.7	49.1#	





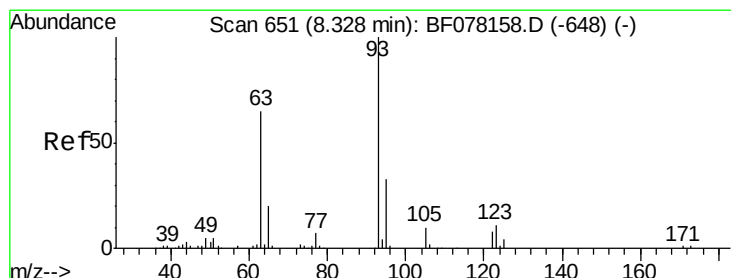
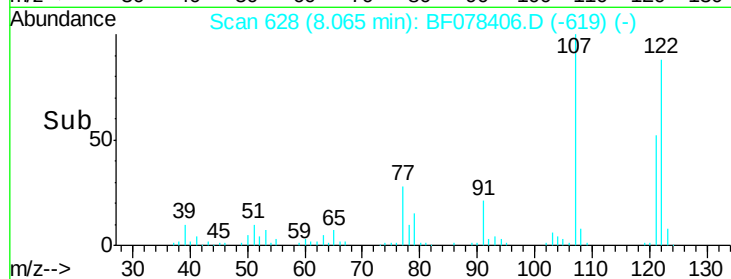
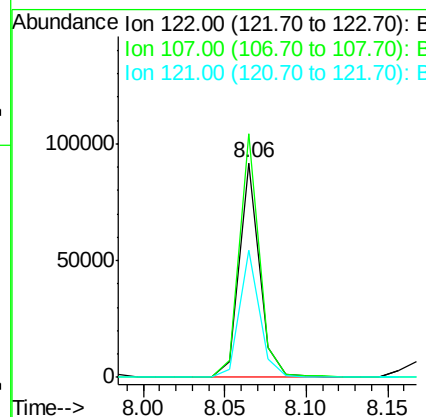
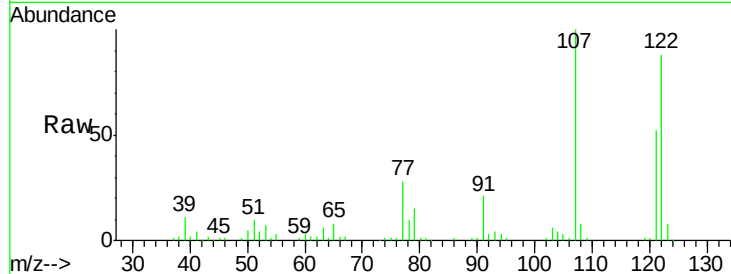
#27
 2,4-Dimethylphenol
 Concen: 34.95 ng
 RT: 8.06 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	78043		
107	113.4	84.6	127.0	
121	59.3	46.0	69.0	

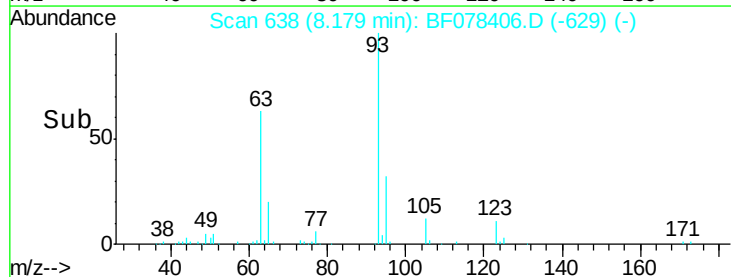
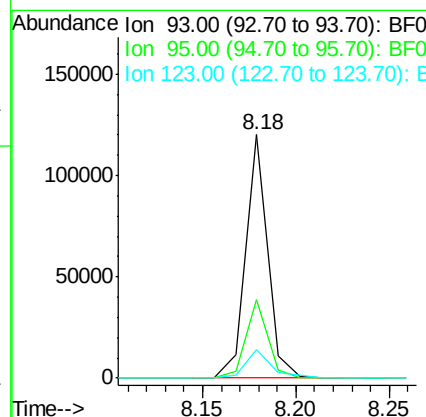
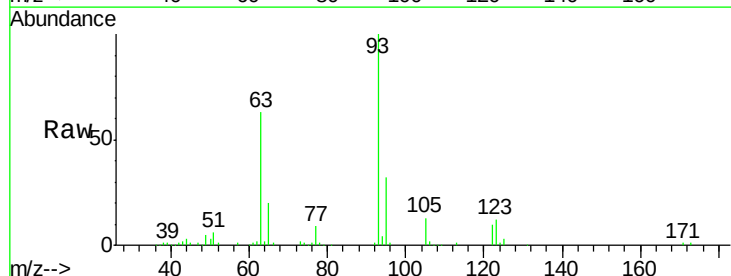
Manual Integrations
 APPROVED

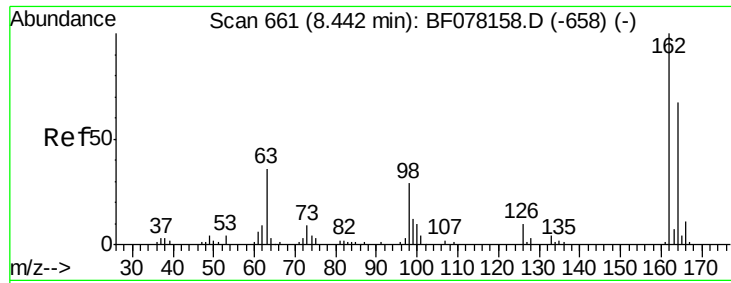
apatel
 4/14/2015 5:30:07 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.58 ng
 RT: 8.18 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	98515		
95	32.2	26.3	39.5	
123	11.7	9.1	13.7	





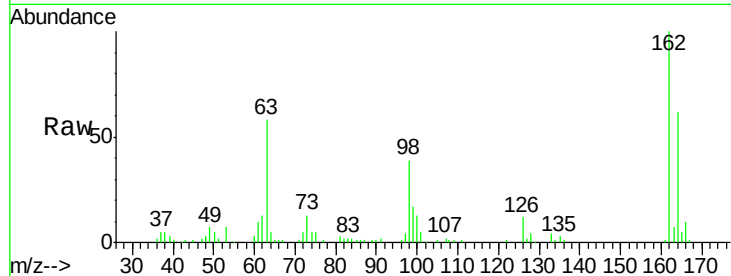
#29
 2,4-Dichlorophenol
 Concen: 36.15 ng
 RT: 8.28 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

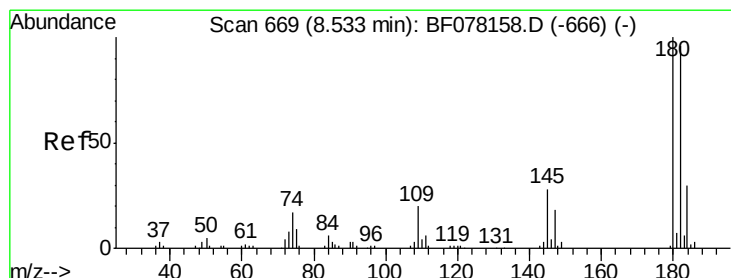
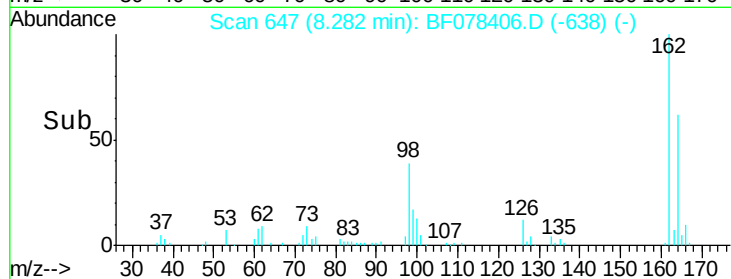
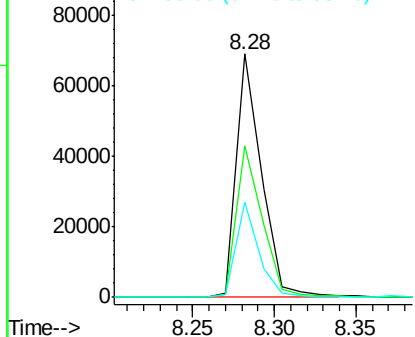
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	73450		
164	62.3	47.0	87.0	
98	39.0	9.2	49.2	

Manual Integrations
 APPROVED

apatel
 4/14/2015 5:30:07 PM

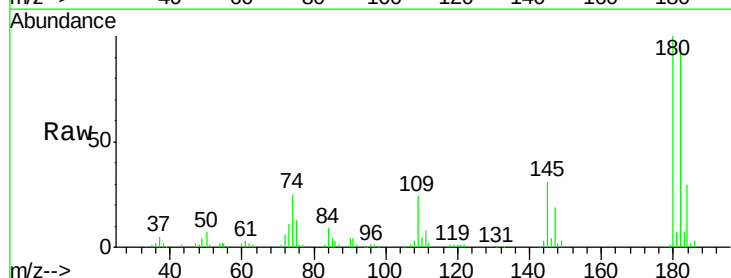


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

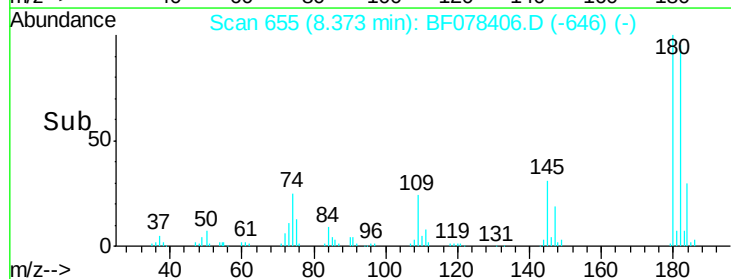
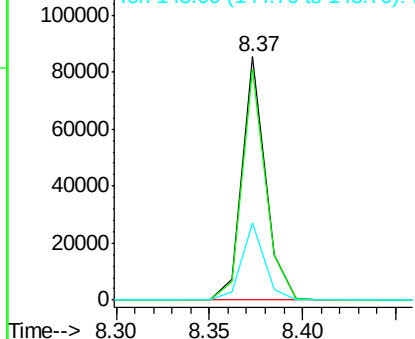


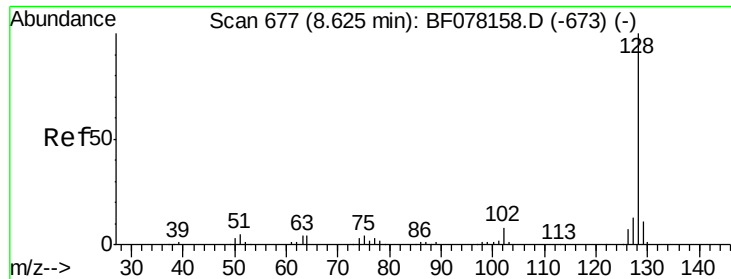
#30
 1,2,4-Trichlorobenzene
 Concen: 32.19 ng
 RT: 8.37 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	74972		
182	94.6	76.9	115.3	
145	31.5	22.5	33.7	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





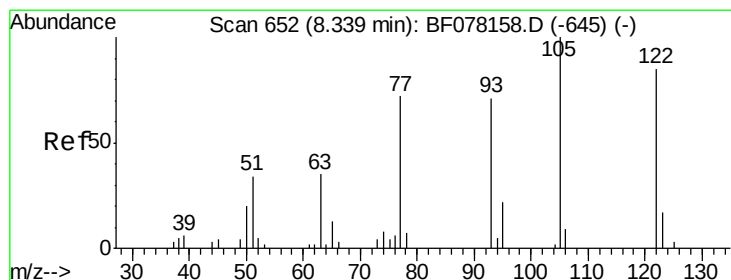
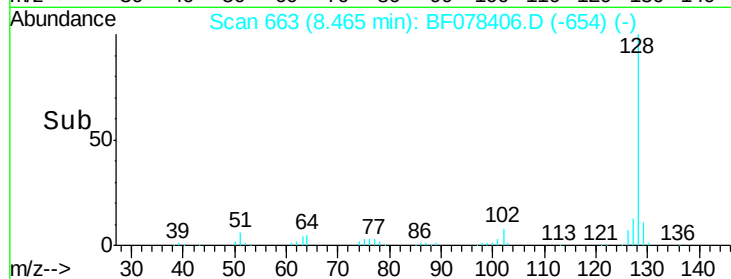
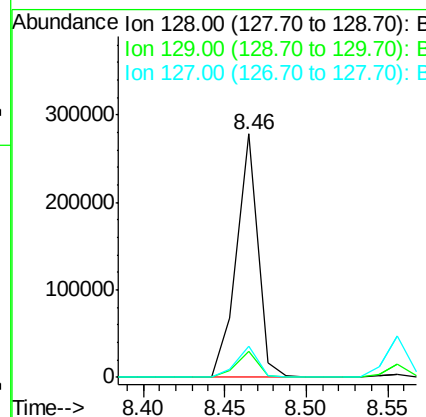
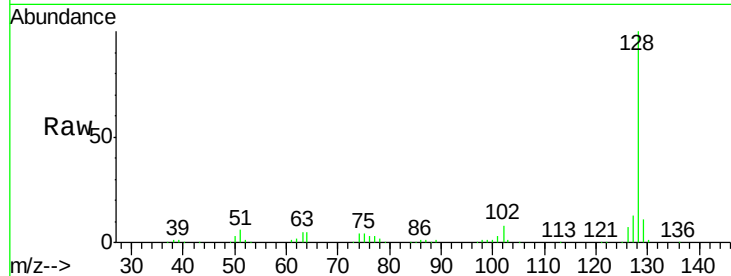
#31
Naphthalene
Concen: 32.89 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Instrument :
BNA_F
ClientSampleId :
PB82775BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	250132		
129	10.8	8.6	12.8	
127	12.5	10.7	16.1	

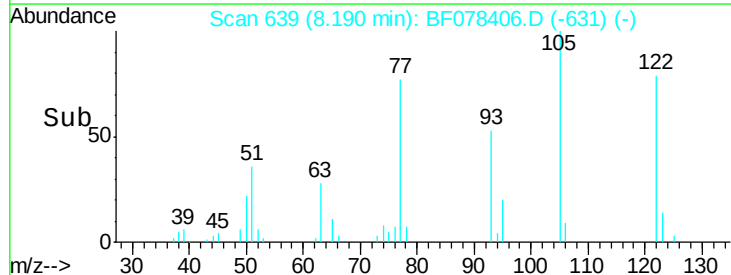
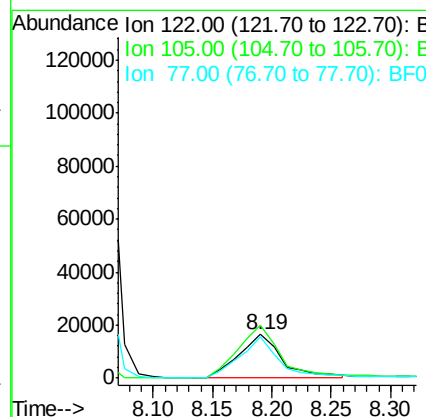
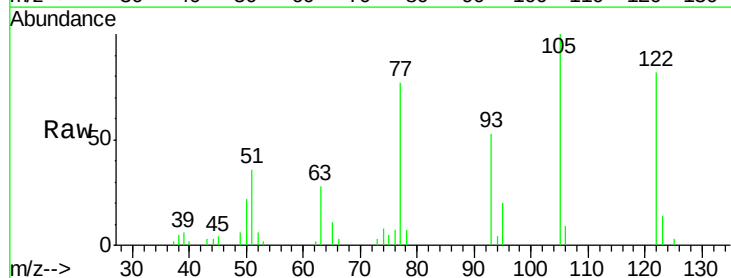
Manual Integrations
APPROVED

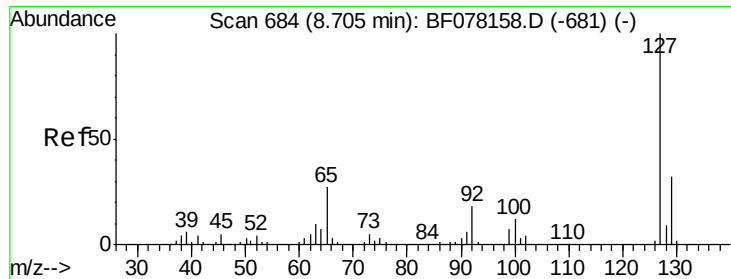
apatel
4/14/2015 5:30:07 PM



#32
Benzoic acid
Concen: 41.09 ng
RT: 8.19 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	42161		
105	122.1	96.1	136.1	
77	94.4	64.1	104.1	





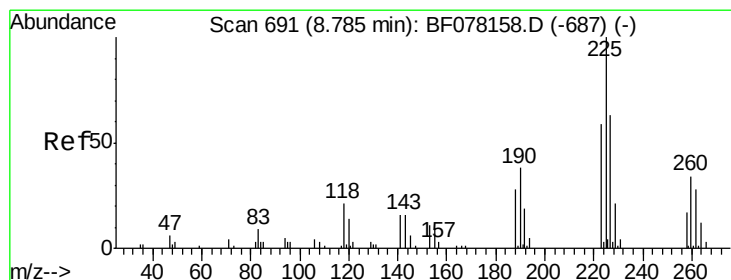
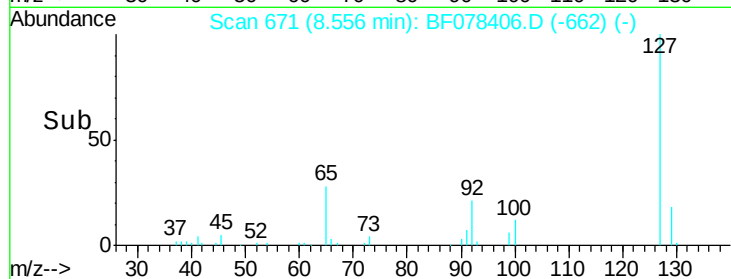
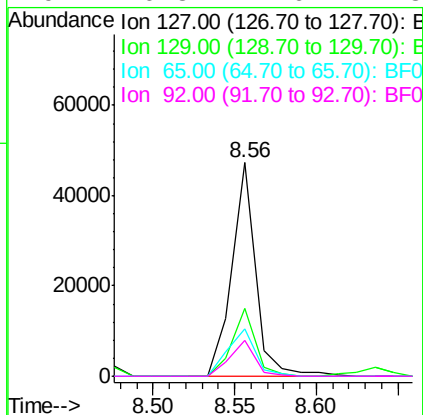
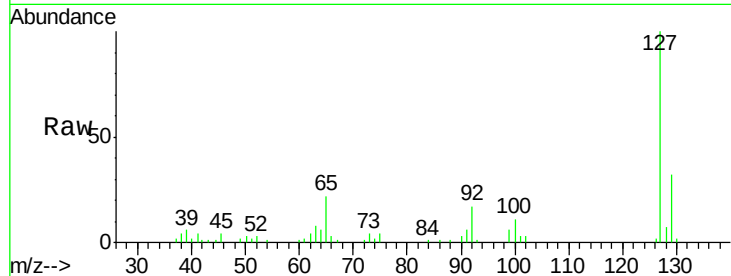
#33
4-Chloroaniline
Concen: 15.10 ng
RT: 8.56 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Instrument :
BNA_F
ClientSampleId :
PB82775BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	47662		
129	31.9	25.5	38.3	
65	22.4	21.7	32.5	
92	16.8	14.6	21.8	

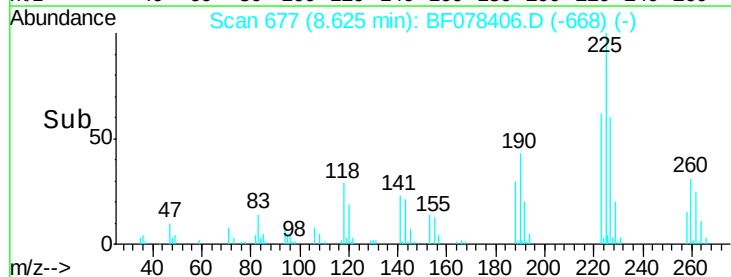
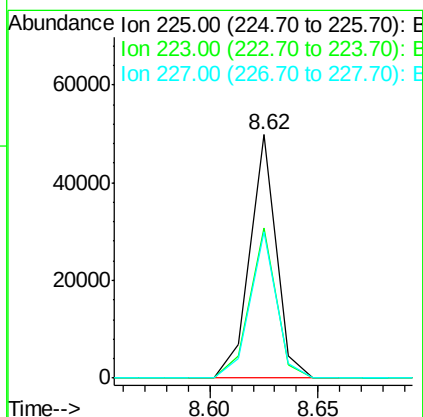
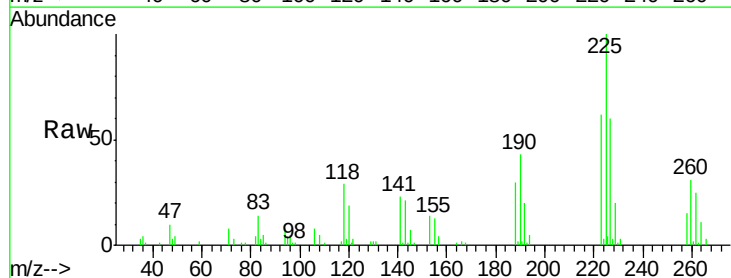
Manual Integrations
APPROVED

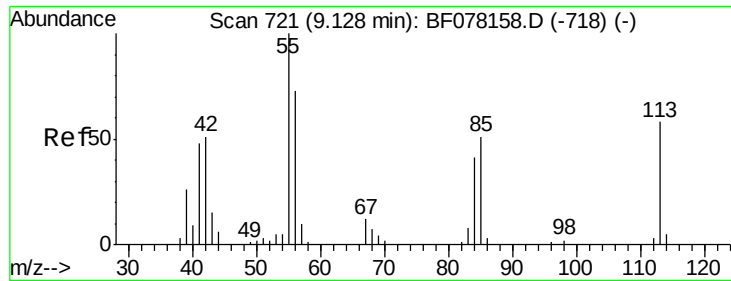
apatel
4/14/2015 5:30:07 PM



#34
Hexachlorobutadiene
Concen: 32.79 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	41935		
223	61.8	47.5	71.3	
227	60.3	50.2	75.2	





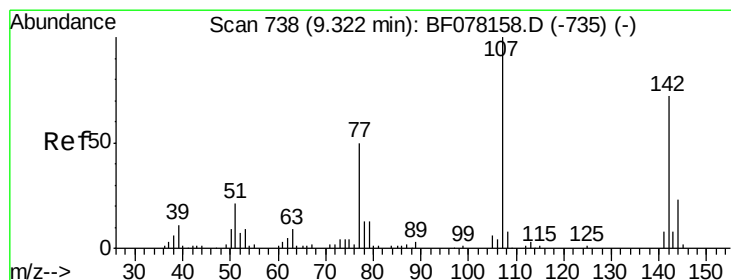
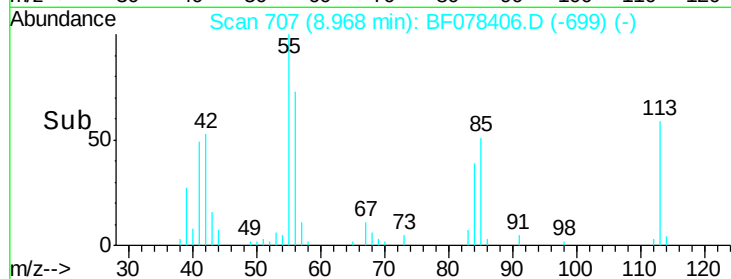
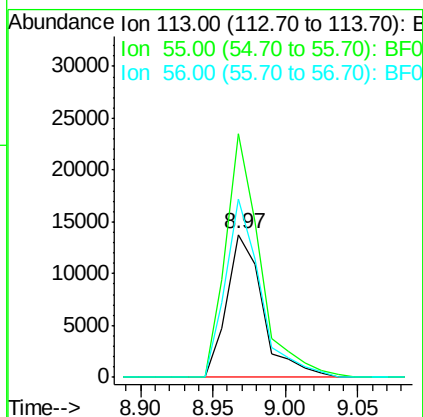
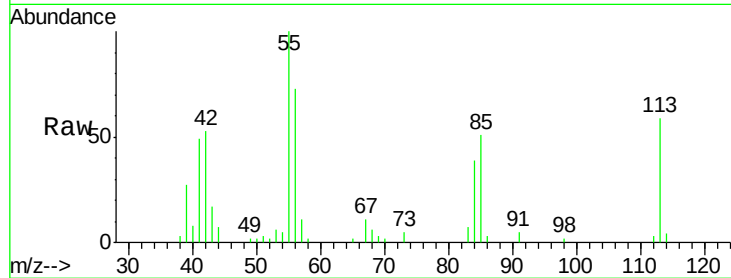
#35
 Caprolactam
 Concen: 39.46 ng
 RT: 8.97 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion:113 Resp: 23932
 Ion Ratio Lower Upper
 113 100
 55 170.5 151.9 191.9
 56 125.0 106.1 146.1

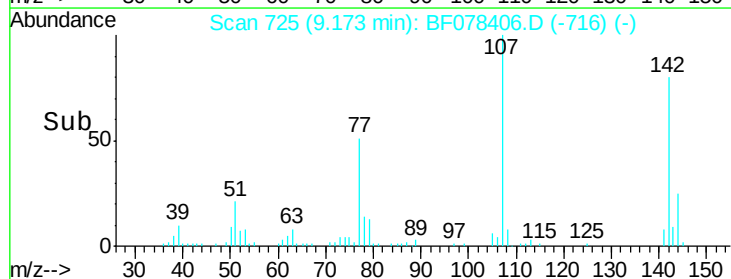
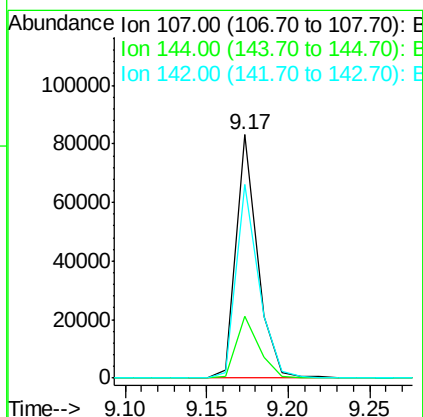
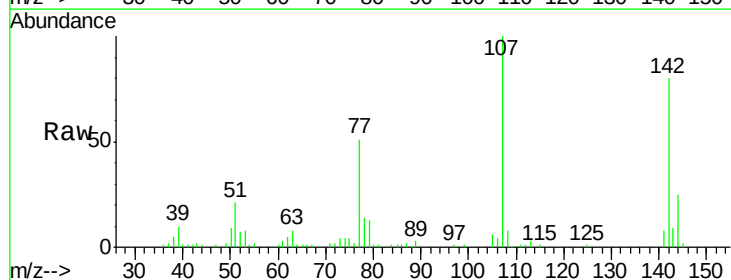
Manual Integrations
 APPROVED

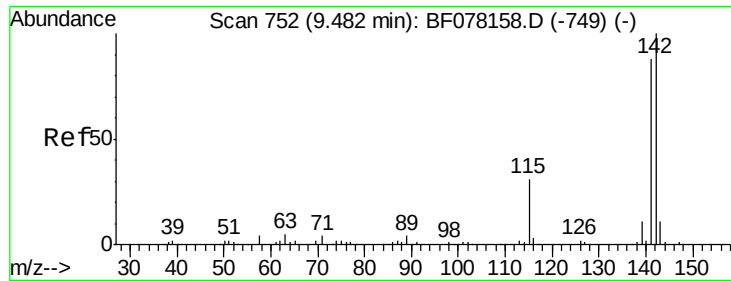
apatel
 4/14/2015 5:30:07 PM



#36
 4-Chloro-3-methylphenol
 Concen: 37.03 ng
 RT: 9.17 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion:107 Resp: 75907
 Ion Ratio Lower Upper
 107 100
 144 25.2 18.2 27.2
 142 79.6 58.0 87.0





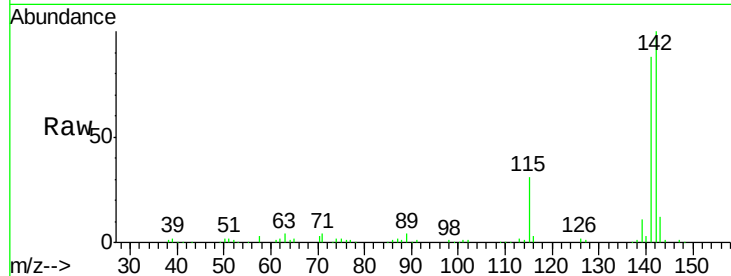
#37
 2-Methylnaphthalene
 Concen: 33.01 ng
 RT: 9.32 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

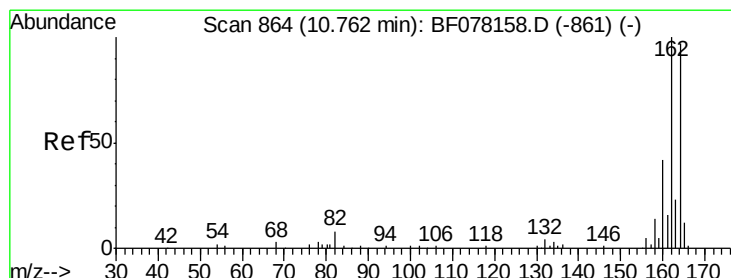
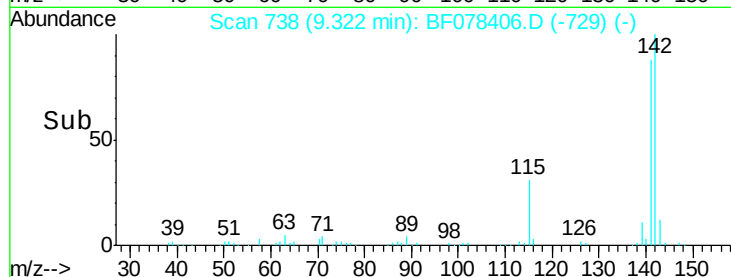
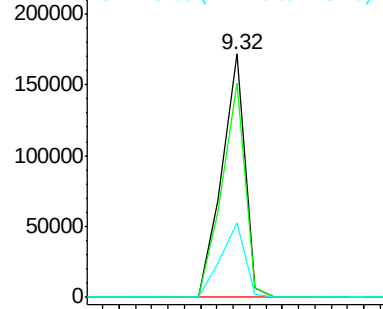
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	170458		
141	88.1	70.3	105.5	
115	30.6	24.6	37.0	

Manual Integrations
 APPROVED

apatel
 4/14/2015 5:30:07 PM

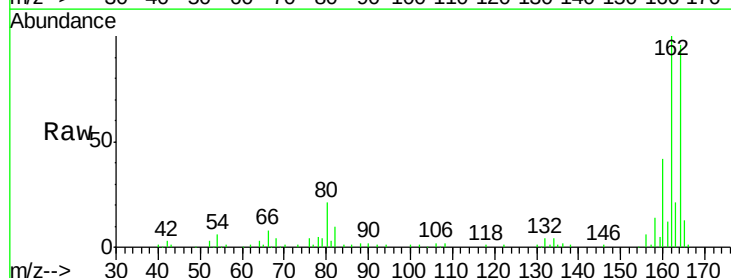


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

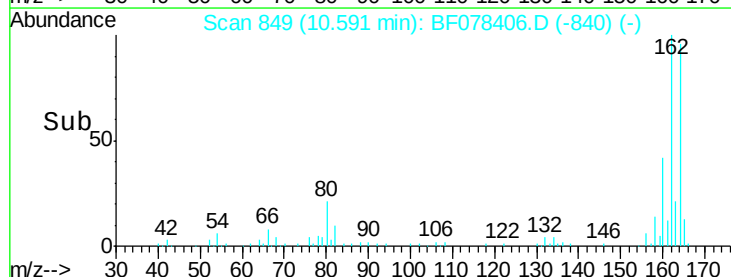
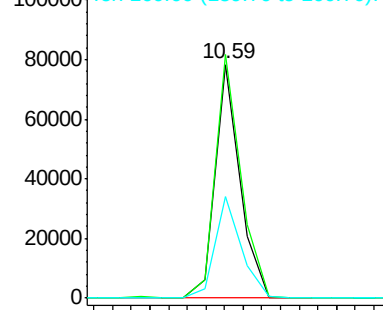


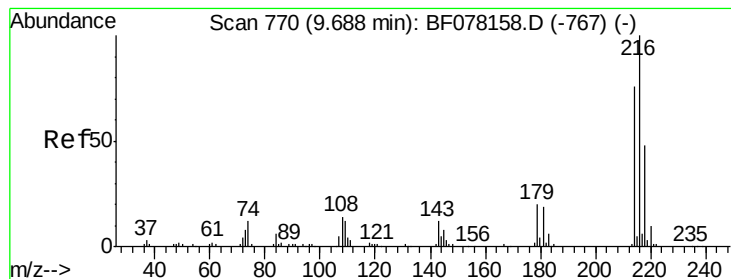
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	72336		
162	104.2	82.2	123.2	
160	43.7	34.7	52.1	



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.98 ng

RT: 9.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF078406.D

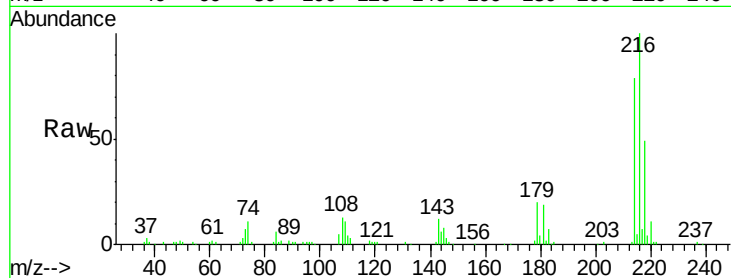
Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

PB82775BS



Tgt Ion:216 Resp: 71670

Ion Ratio Lower Upper

216 100

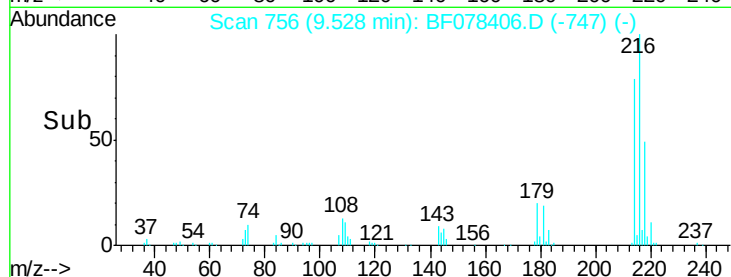
214 79.8 62.0 93.0

179 21.7 17.3 25.9

108 19.9 14.6 21.8

Manual Integrations
APPROVED

apatel
4/14/2015 5:30:07 PM

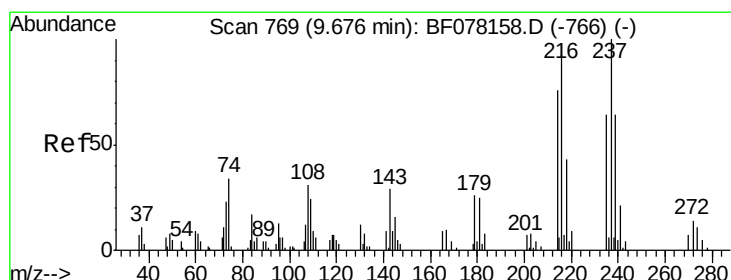
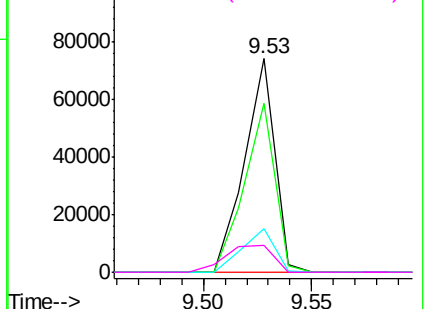


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 65.15 ng

RT: 9.50 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

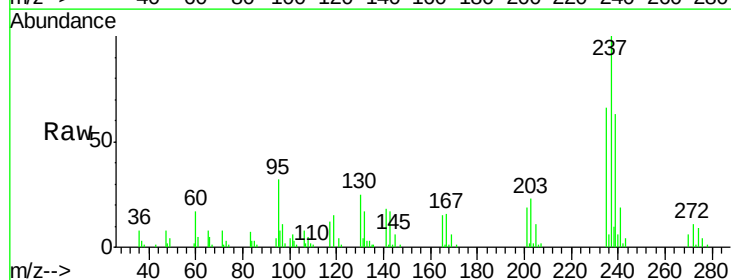
Tgt Ion:237 Resp: 61524

Ion Ratio Lower Upper

237 100

235 65.7 44.1 84.1

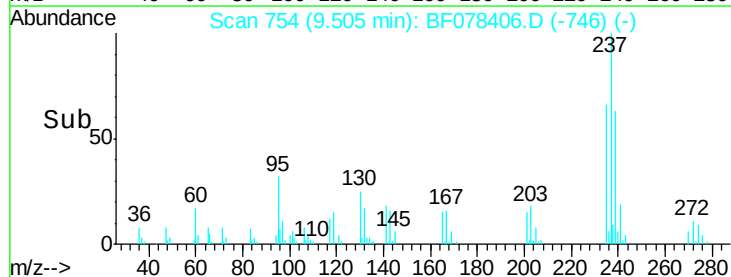
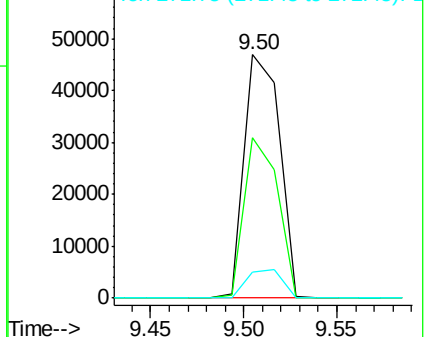
272 10.9 0.0 34.4

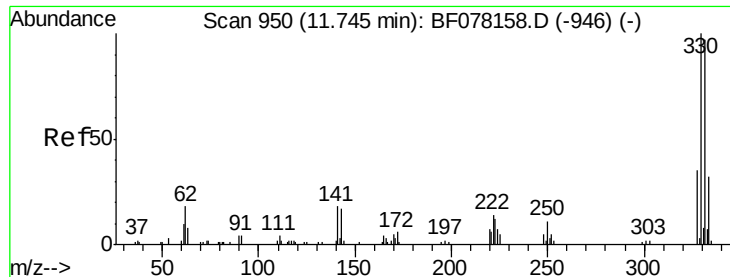


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





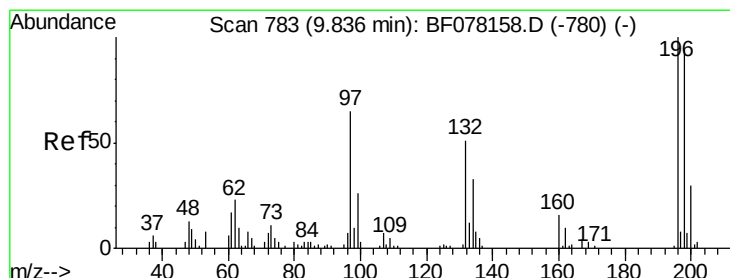
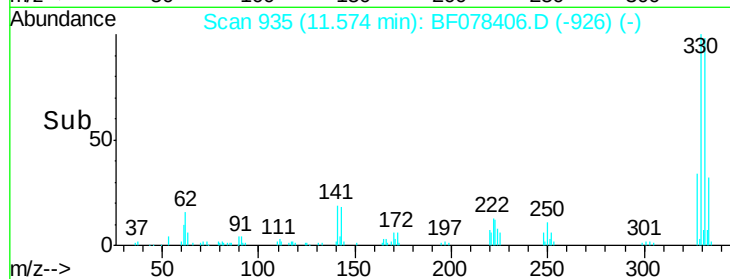
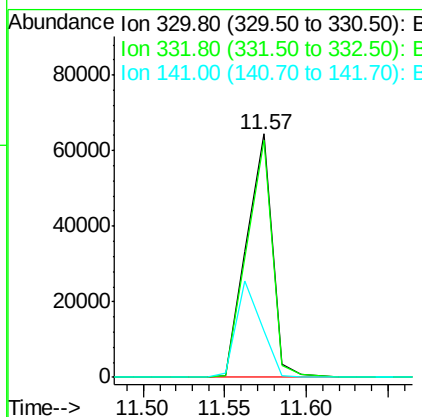
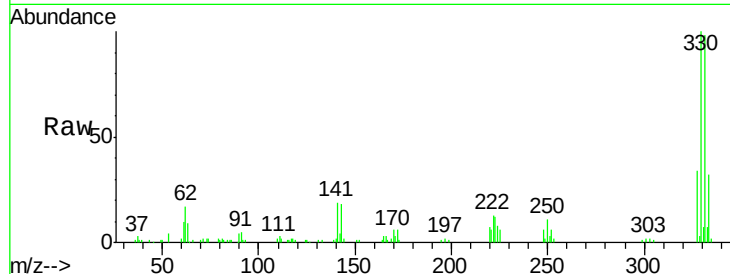
#41
 2,4,6-Tribromophenol
 Concen: 117.34 ng
 RT: 11.57 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	70393		
332	96.7		78.6	117.8
141	38.7		31.2	46.8

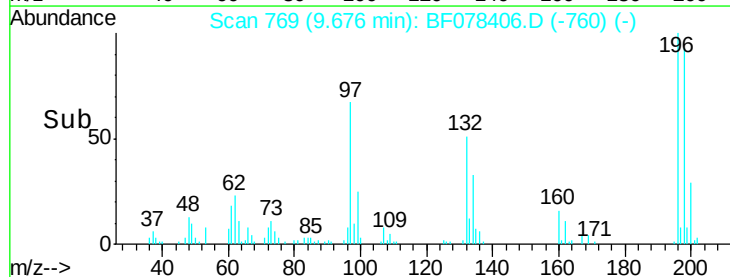
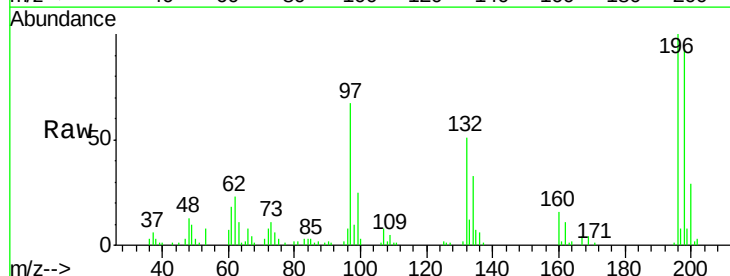
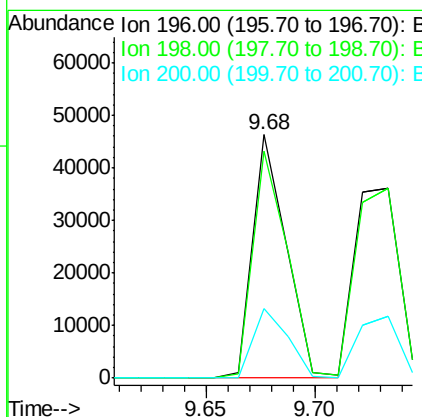
Manual Integrations
 APPROVED

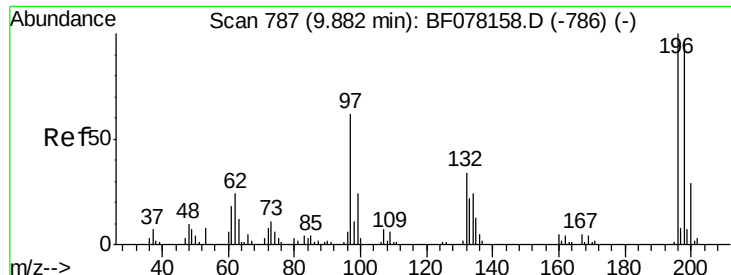
apatel
 4/14/2015 5:30:07 PM



#42
 2,4,6-Trichlorophenol
 Concen: 35.30 ng
 RT: 9.68 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	49899		
198	93.4		75.4	113.2
200	28.6		24.0	36.0





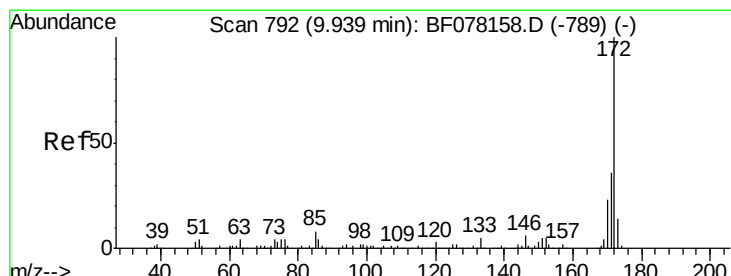
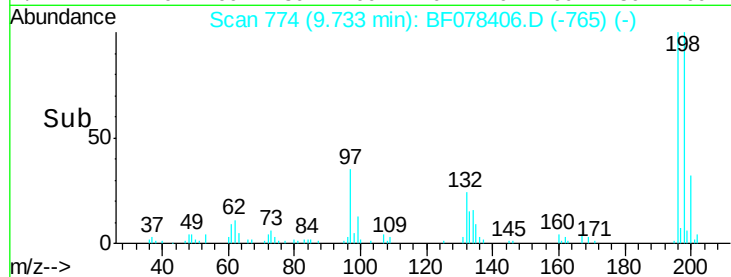
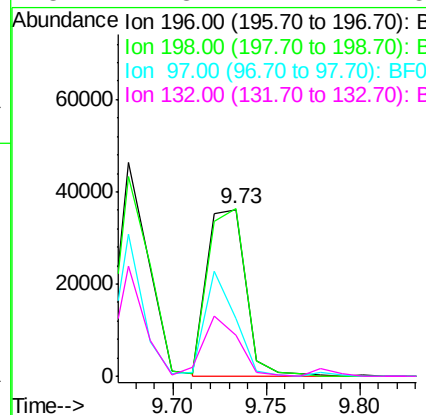
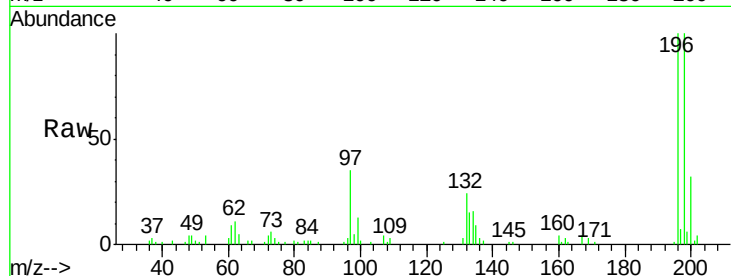
#43
 2,4,5-Trichlorophenol
 Concen: 35.67 ng
 RT: 9.73 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	52681		
198	100.2	76.6	115.0	
97	34.9	50.6	75.8	
132	24.3	27.7	41.5	

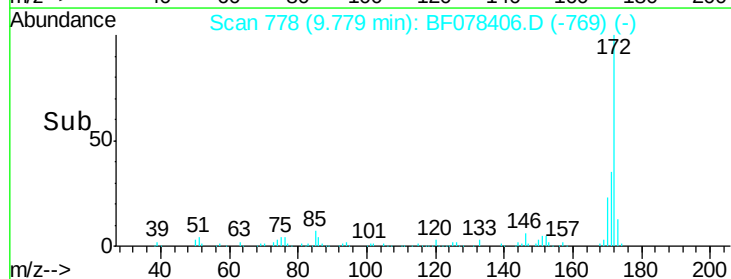
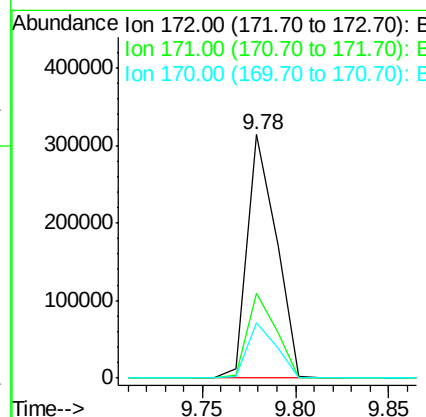
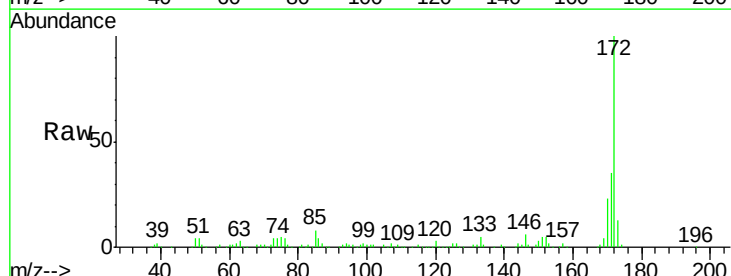
Manual Integrations
 APPROVED

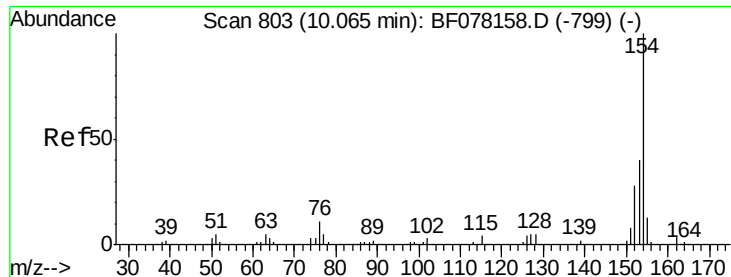
apatel
 4/14/2015 5:30:07 PM



#44
 2-Fluorobiphenyl
 Concen: 67.34 ng
 RT: 9.78 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	340781		
171	35.1	28.6	42.8	
170	23.0	18.5	27.7	





#45

1,1'-Biphenyl

Concen: 34.22 ng

RT: 9.90 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

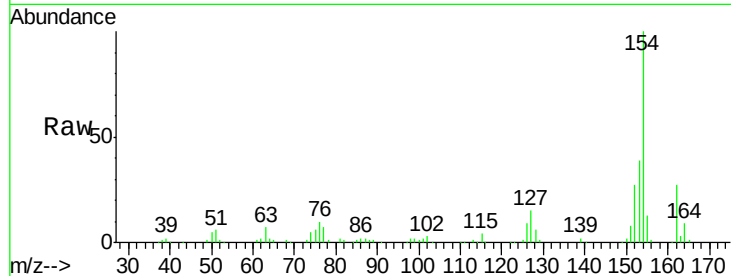
ClientSampleId :

PB82775BS

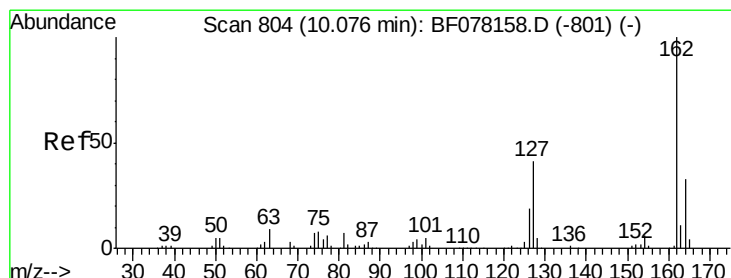
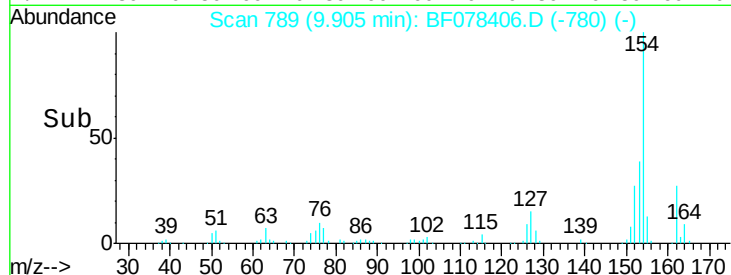
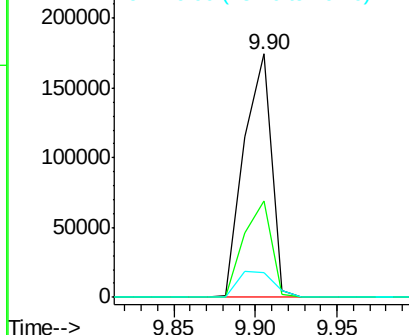
Tgt Ion:	154	Resp:	202483
Ion Ratio	Lower	Upper	
154	100		
153	39.4	20.0	60.0
76	10.2	0.0	30.6

Manual Integrations
APPROVED

apatel
4/14/2015 5:30:07 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 34.45 ng

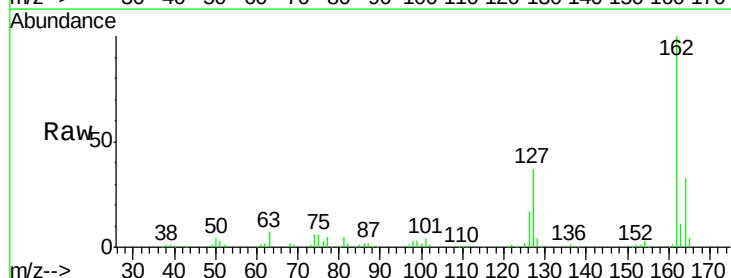
RT: 9.92 min Scan# 790

Delta R.T. 0.00 min

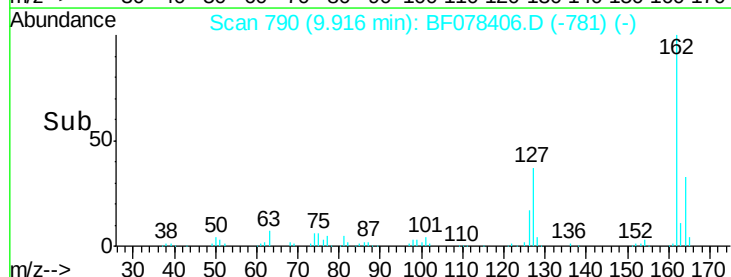
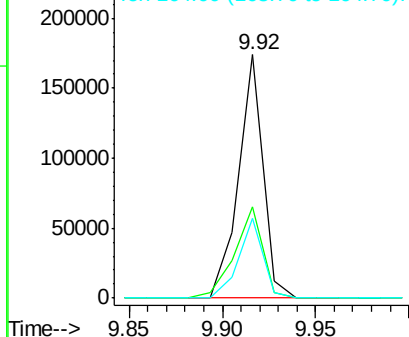
Lab File: BF078406.D

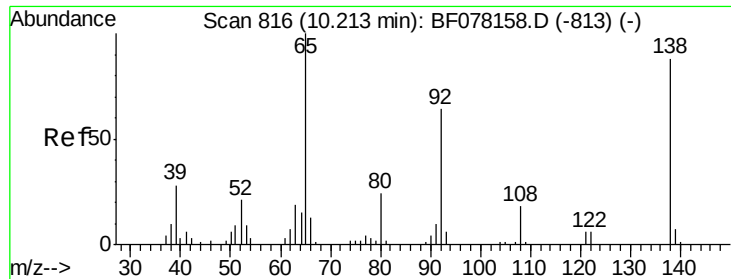
Acq: 10 Apr 2015 18:26

Tgt Ion:	162	Resp:	160365
Ion Ratio	Lower	Upper	
162	100		
127	37.4	32.6	49.0
164	32.8	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





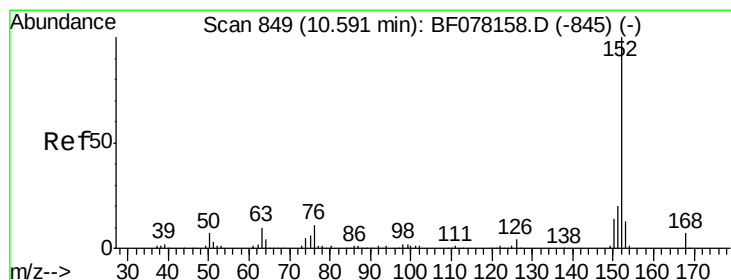
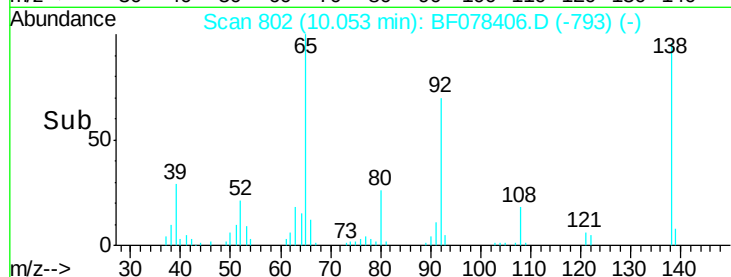
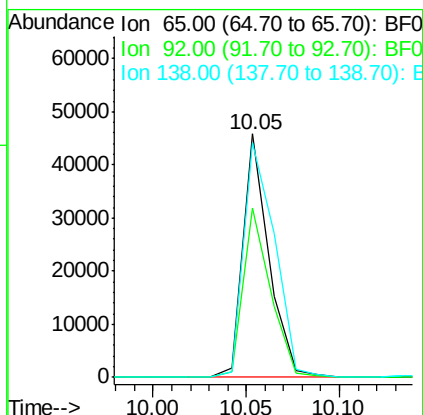
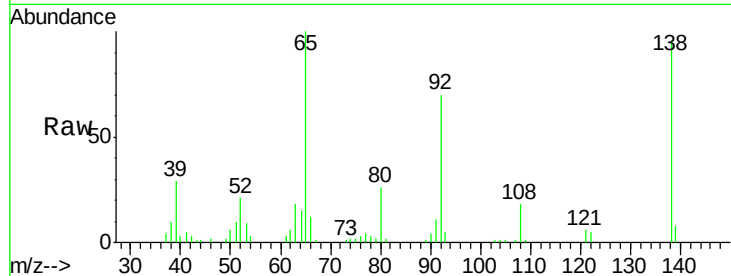
#47
2-Nitroaniline
Concen: 38.43 ng
RT: 10.05 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Instrument :
BNA_F
ClientSampleId :
PB82775BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	51.3	76.9
138	96.5	70.4	105.6

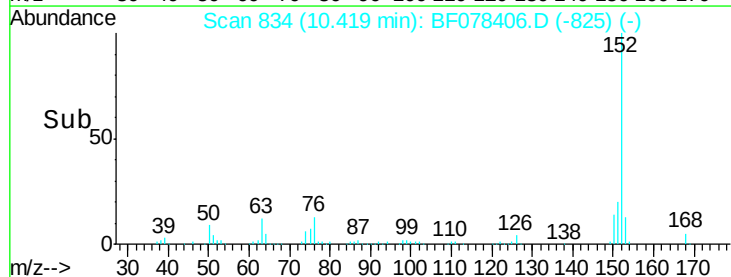
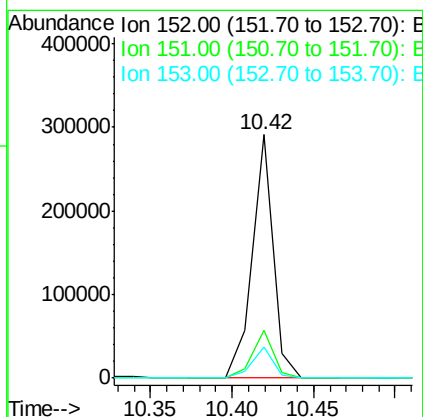
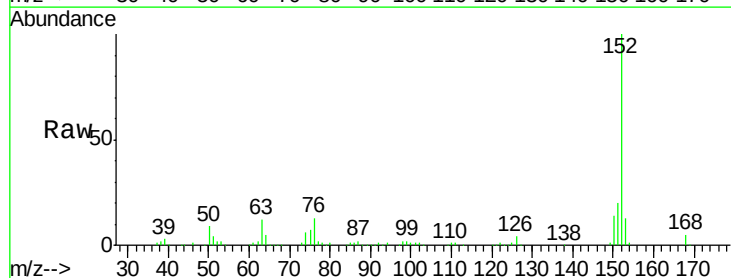
Manual Integrations
APPROVED

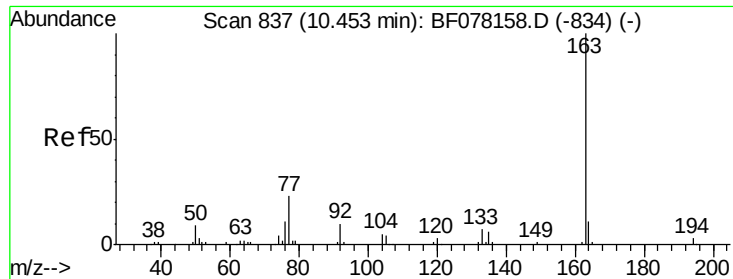
apatel
4/14/2015 5:30:07 PM



#48
Acenaphthylene
Concen: 34.67 ng
RT: 10.42 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.7	10.2	15.2





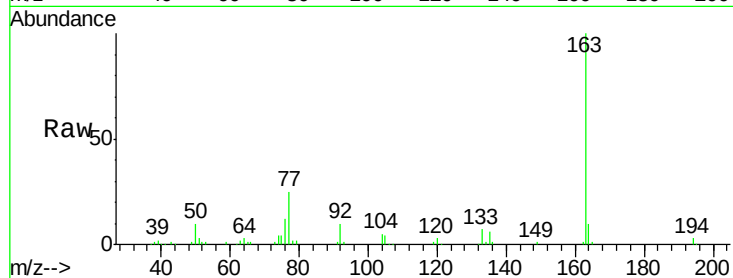
#49
Dimethylphthalate
Concen: 33.39 ng
RT: 10.29 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Instrument :
BNA_F
ClientSampleId :
PB82775BS

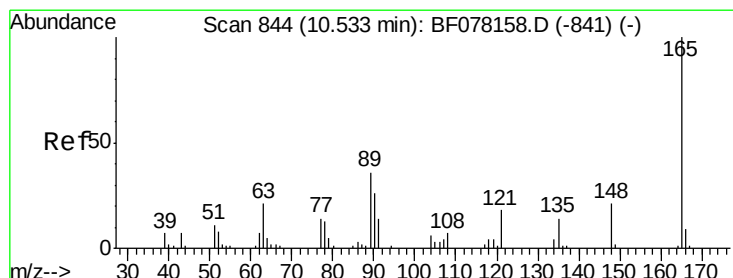
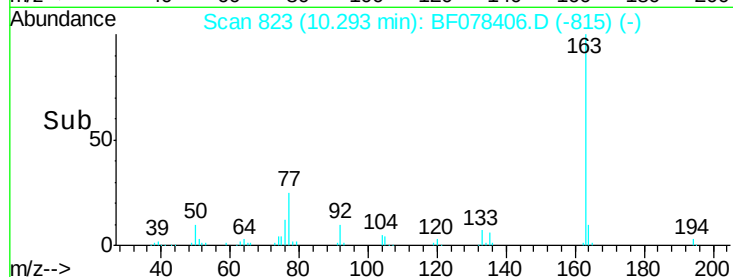
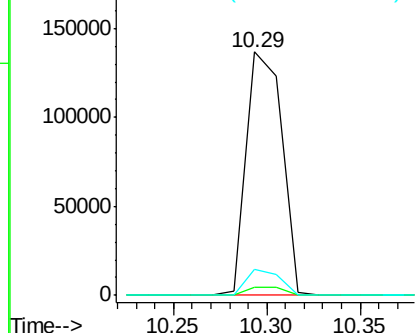
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.3	3.5
164	10.5	8.6	13.0

Manual Integrations
APPROVED

apatel
4/14/2015 5:30:07 PM



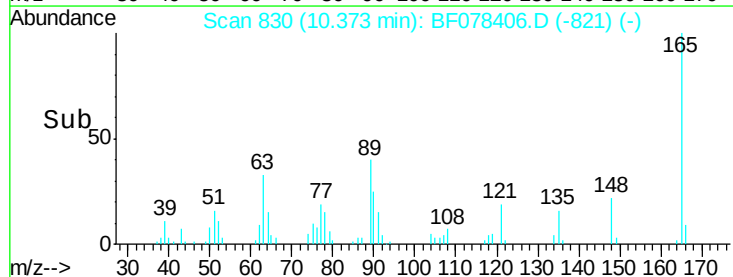
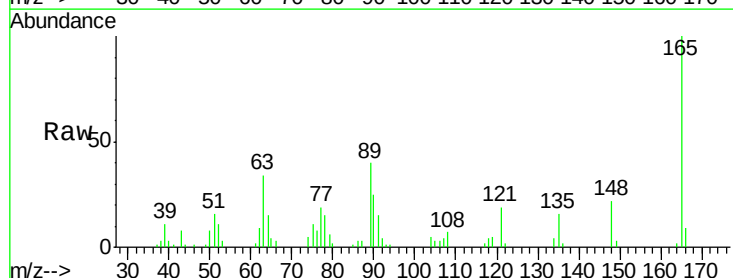
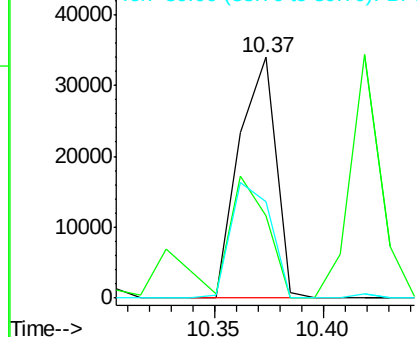
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

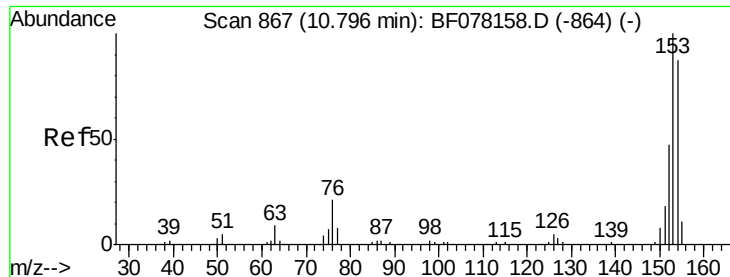


#50
2,6-Dinitrotoluene
Concen: 35.67 ng
RT: 10.37 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	34.3	24.1	36.1
89	39.9	28.9	43.3

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.46 ng

RT: 10.64 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF078406.D

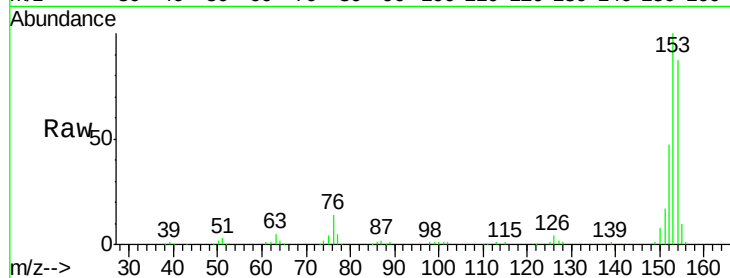
Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

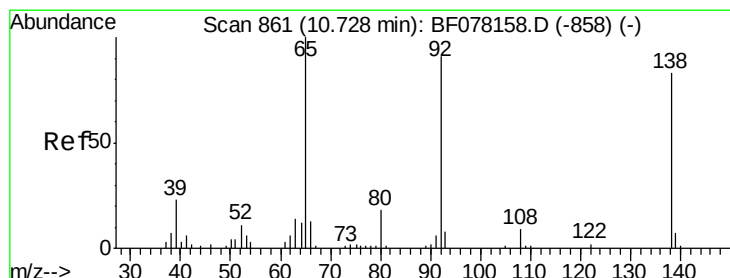
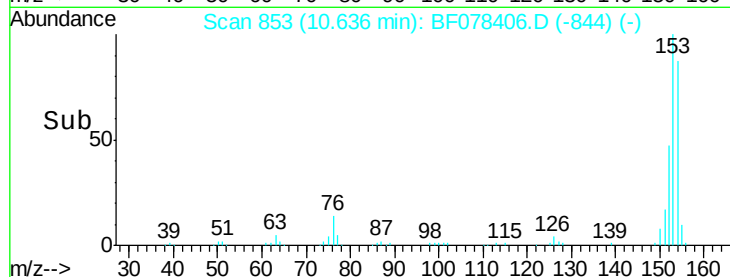
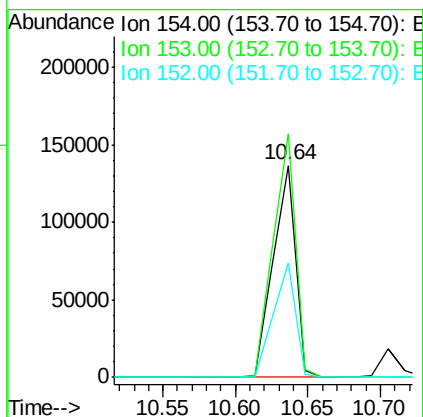
PB82775BS



Tgt Ion:	154	Resp:	145839
Ion Ratio	Lower	Upper	
154	100		
153	114.9	91.4	137.2
152	53.8	43.0	64.6

Manual Integrations
APPROVED

apatel
4/14/2015 5:30:07 PM



#52

3-Nitroaniline

Concen: 23.83 ng

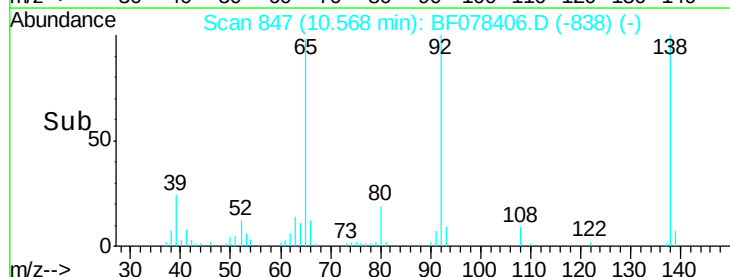
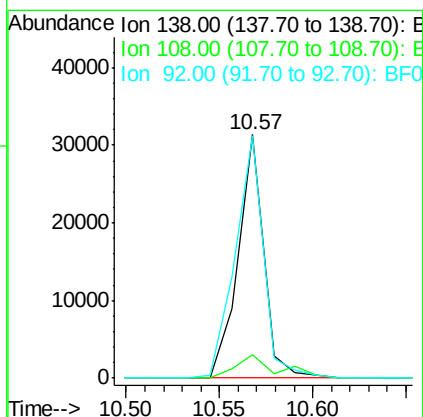
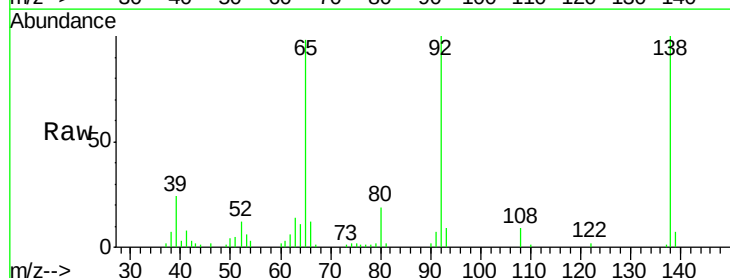
RT: 10.57 min Scan# 847

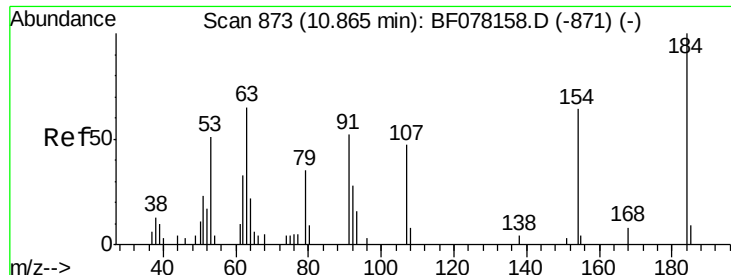
Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

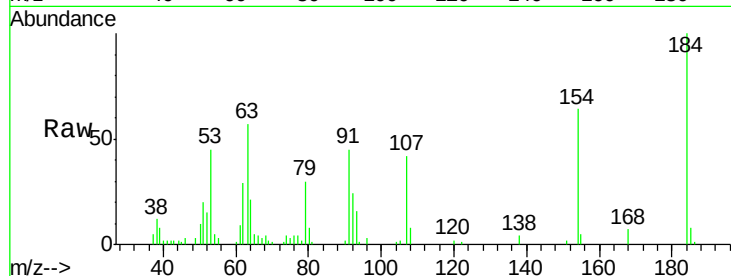
Tgt Ion:	138	Resp:	30293
Ion Ratio	Lower	Upper	
138	100		
108	9.5	8.2	12.4
92	99.5	88.4	132.6





#53
2,4-Dinitrophenol
Concen: 68.62 ng
RT: 10.70 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

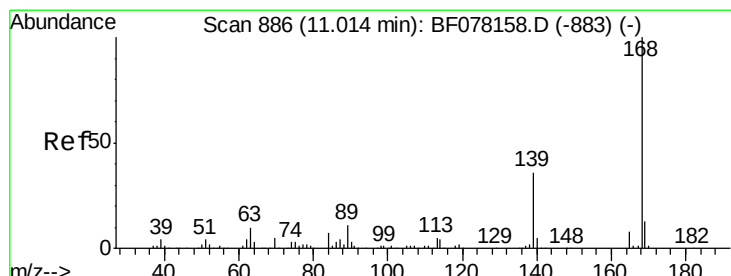
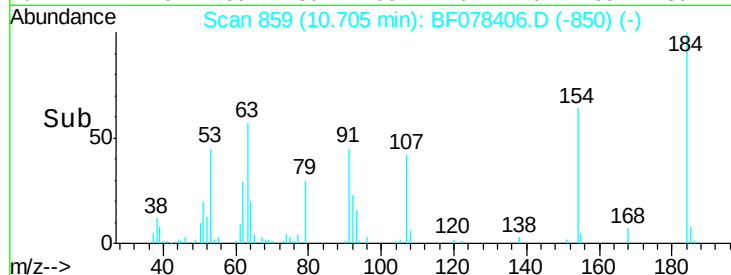
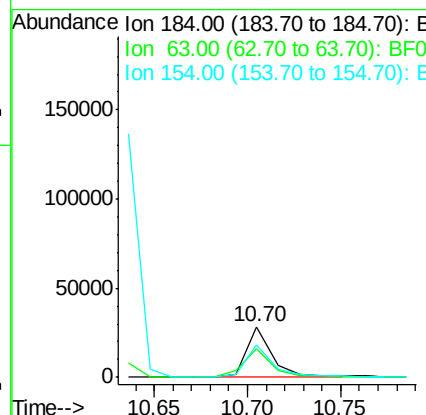
Instrument :
BNA_F
ClientSampleId :
PB82775BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	27680		
63	57.0	51.9	77.9	
154	63.8	51.0	76.4	

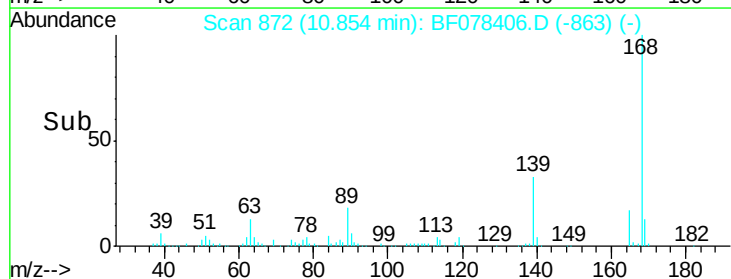
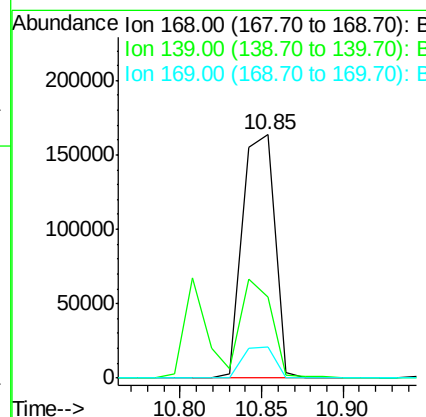
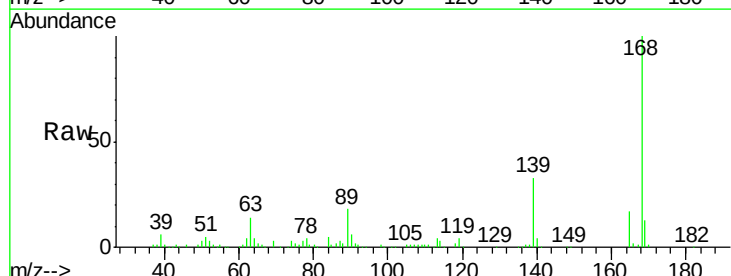
Manual Integrations
APPROVED

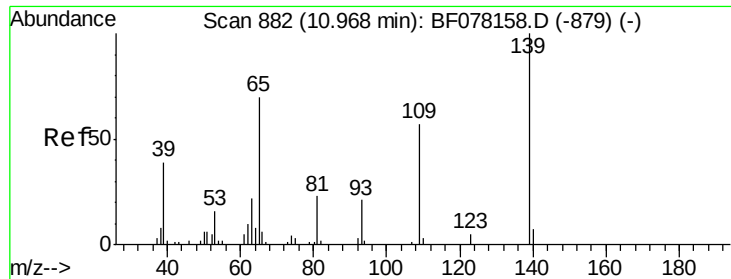
apatel
4/14/2015 5:30:07 PM



#54
Dibenzofuran
Concen: 34.67 ng
RT: 10.85 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	224096		
139	33.4	31.0	46.4	
169	12.6	10.7	16.1	





#55

4-Nitrophenol

Concen: 71.03 ng

RT: 10.81 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF078406.D

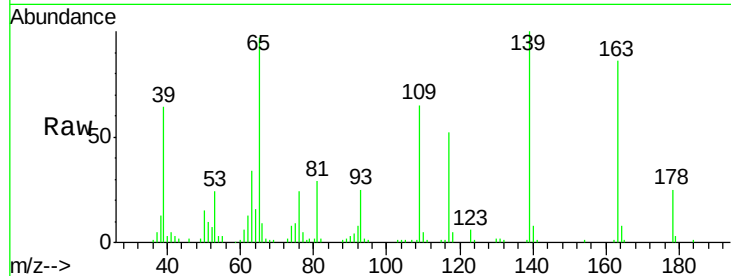
Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampled :

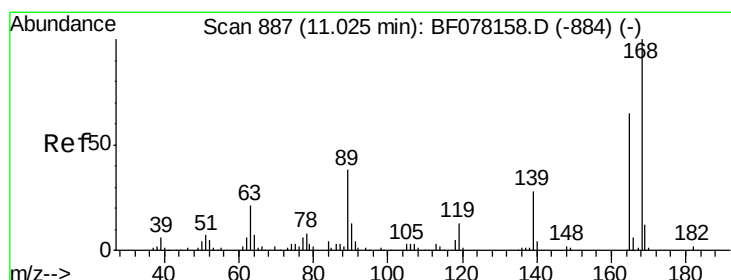
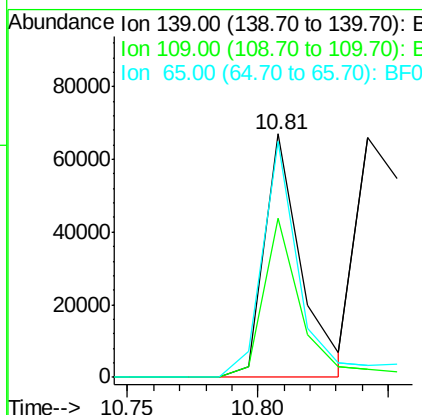
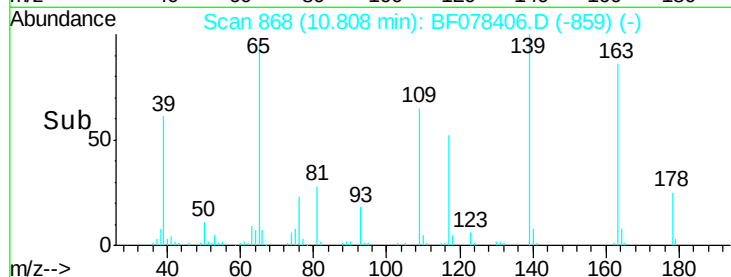
PB82775BS



Tgt Ion	Ratio	Resp	Lower	Upper
139	100	66191		
109	65.4	36.7	76.7	
65	96.8	49.9	89.9#	

Manual Integrations
APPROVED

apatel
4/14/2015 5:30:07 PM



#56

2,4-Dinitrotoluene

Concen: 37.65 ng

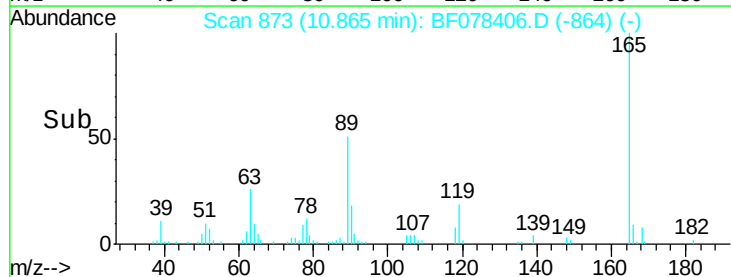
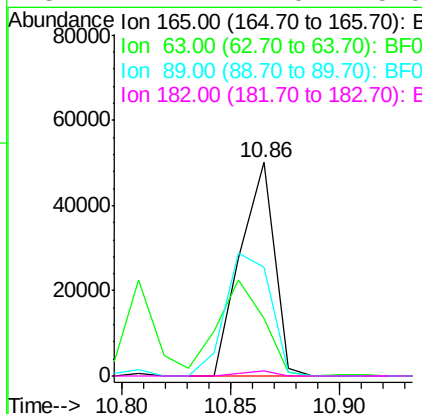
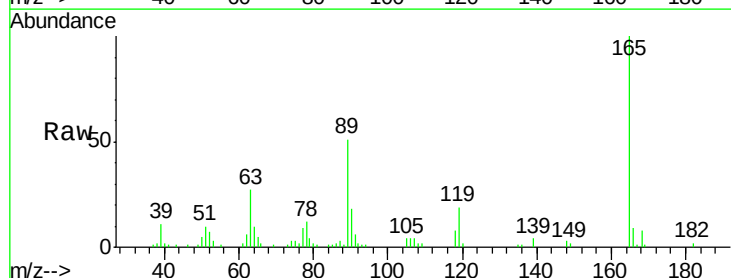
RT: 10.86 min Scan# 873

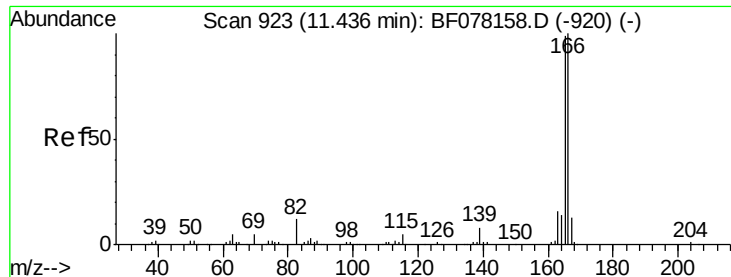
Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	54517		
63	27.0	26.5	39.7	
89	50.9	46.4	69.6	
182	2.4	2.0	3.0	





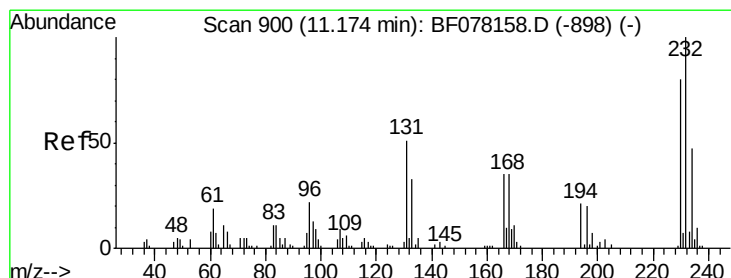
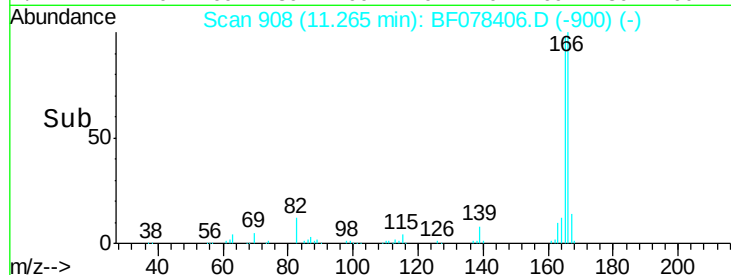
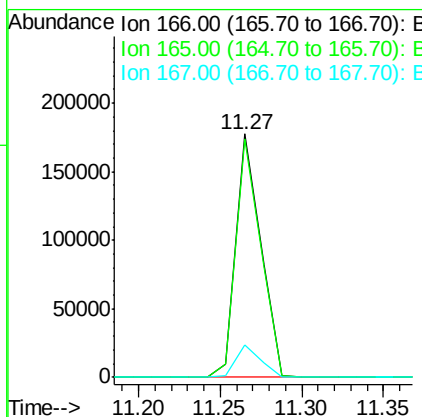
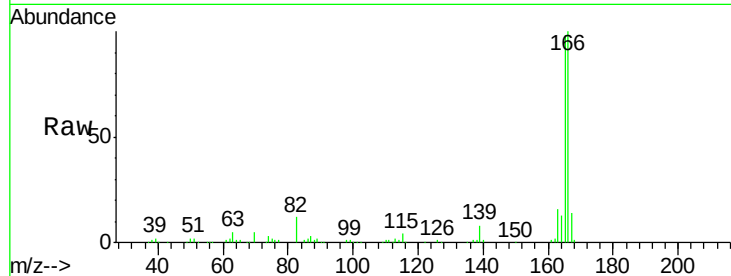
#57
 Fluorene
 Concen: 35.46 ng
 RT: 11.27 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	185817		
165	98.0	78.9	118.3	
167	13.5	10.7	16.1	

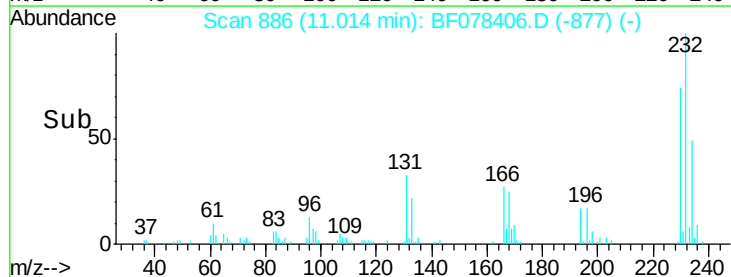
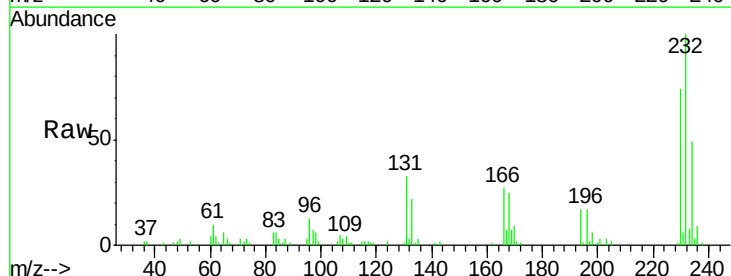
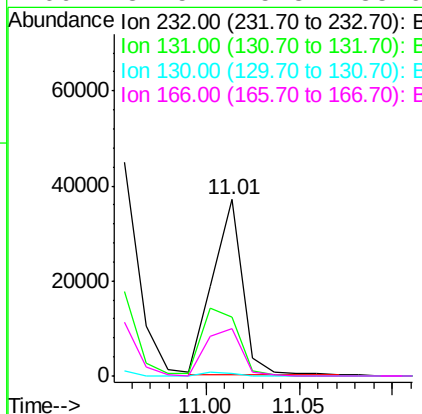
Manual Integrations
 APPROVED

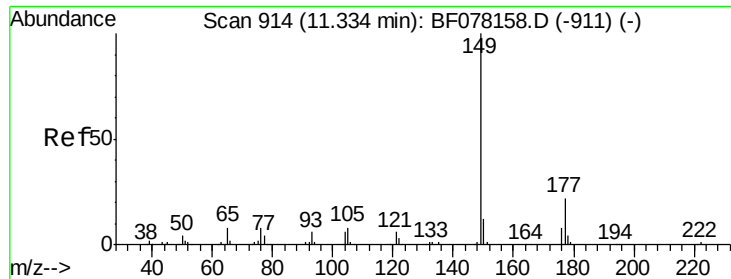
apatel
 4/14/2015 5:30:07 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.69 ng
 RT: 11.01 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	41263		
131	46.7	37.8	56.8	
130	2.1	1.5	2.3	
166	32.5	25.8	38.6	





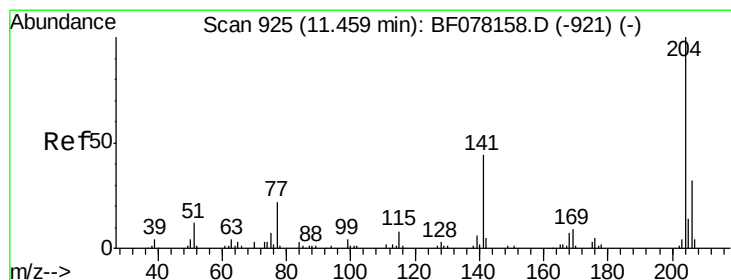
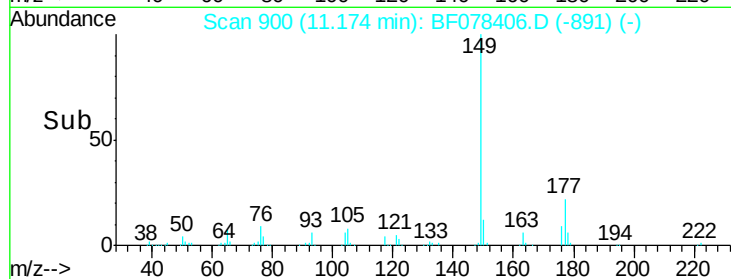
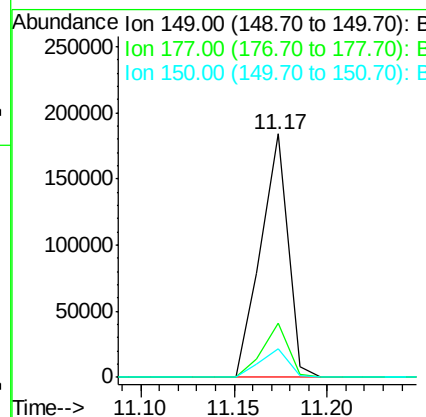
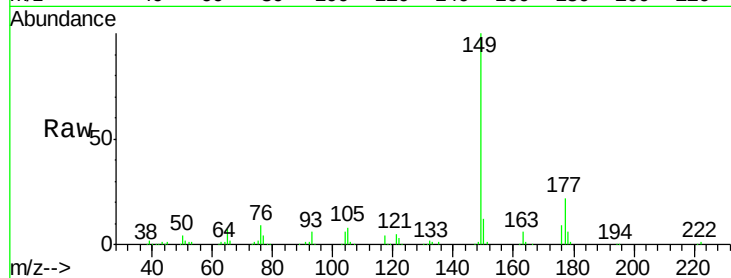
#59
Diethylphthalate
Concen: 35.49 ng
RT: 11.17 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Instrument :
BNA_F
ClientSampleId :
PB82775BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.5	17.4	26.2
150	11.9	9.4	14.2

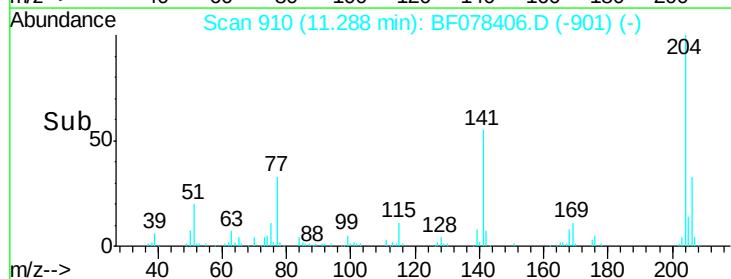
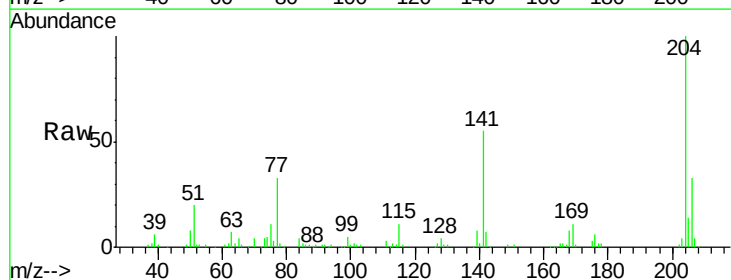
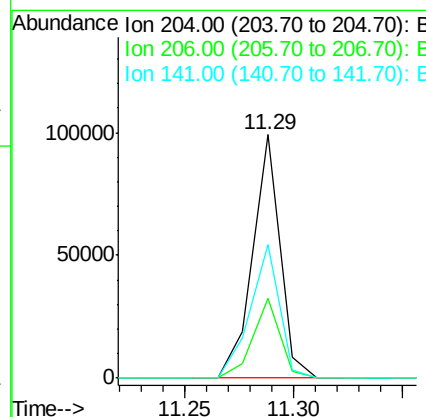
Manual Integrations
APPROVED

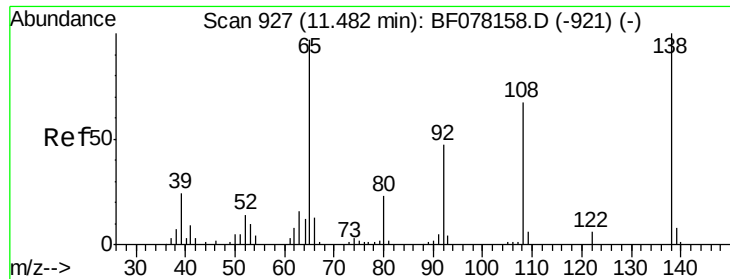
apatel
4/14/2015 5:30:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.97 ng
RT: 11.29 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.6	25.6	38.4
141	54.8	35.4	53.0





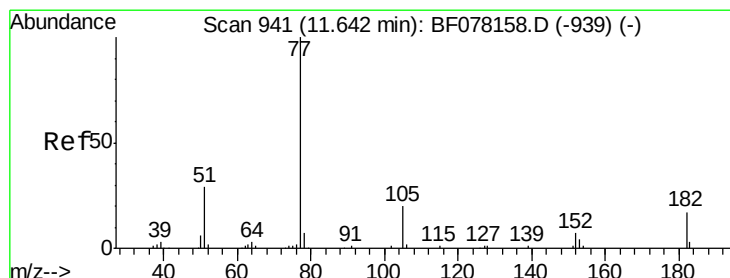
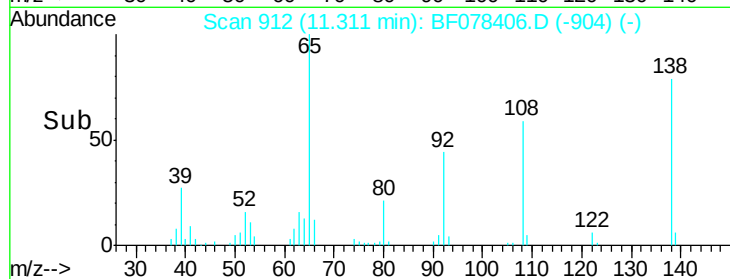
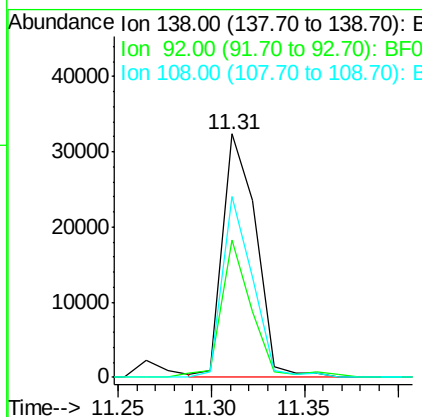
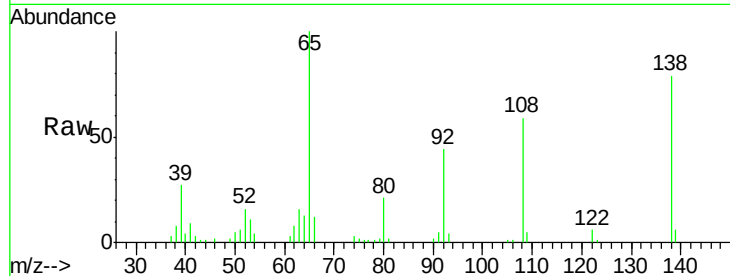
#61
4-Nitroaniline
Concen: 31.81 ng
RT: 11.31 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Instrument :
BNA_F
ClientSampleId :
PB82775BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	40885		
92	56.4	27.3	67.3	
108	74.5	47.2	87.2	

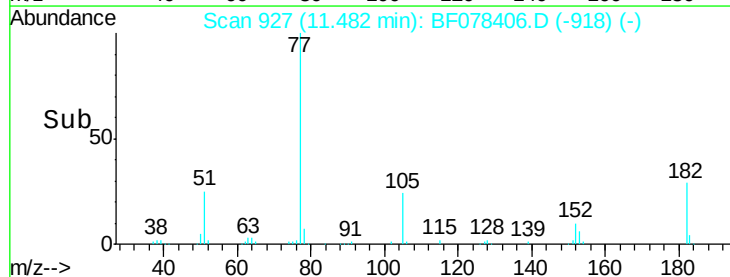
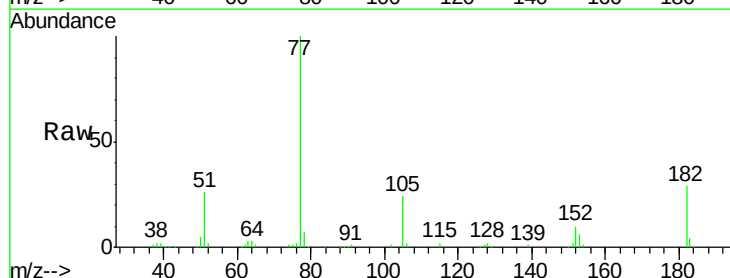
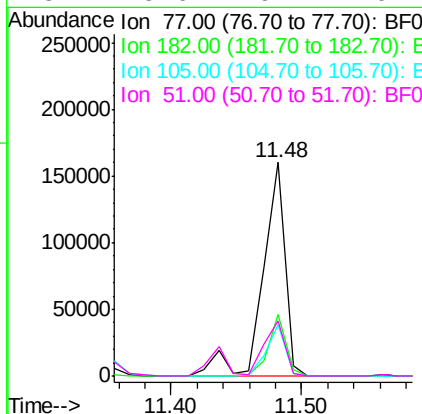
Manual Integrations
APPROVED

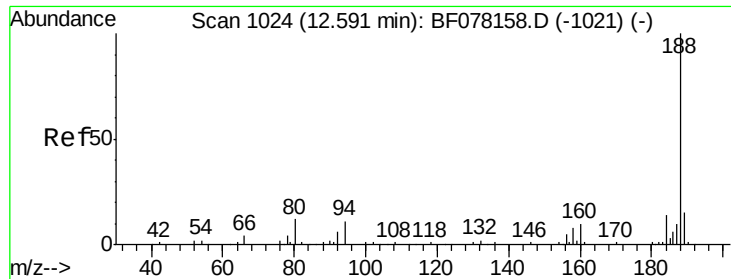
apatel
4/14/2015 5:30:07 PM



#62
Azobenzene
Concen: 40.41 ng
RT: 11.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	193232		
182	28.9	0.0	36.8	
105	23.9	0.3	40.3	
51	25.6	9.1	49.1	





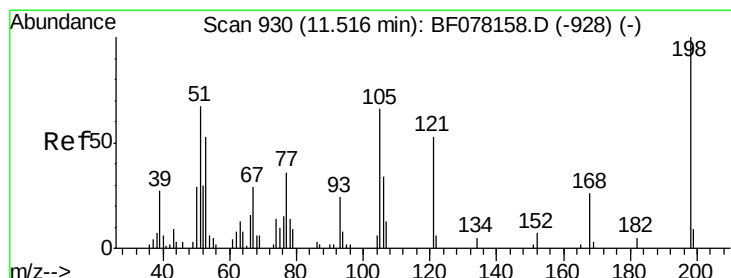
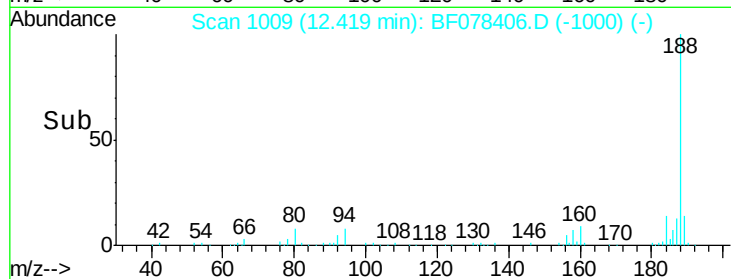
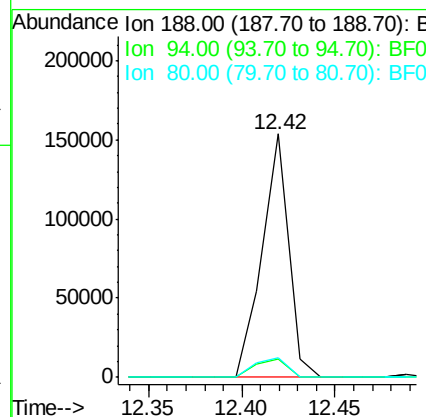
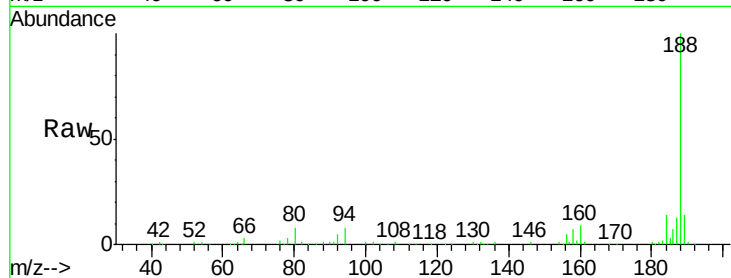
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.42 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.7	9.0	13.4#
80	8.2	9.5	14.3#

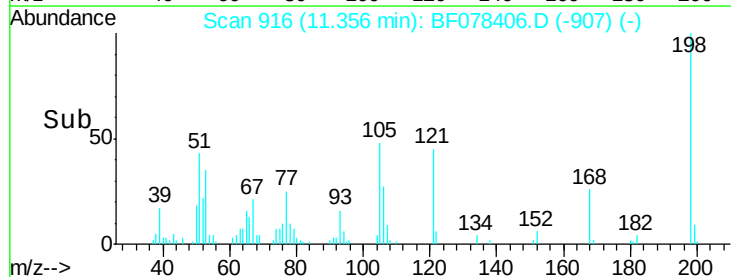
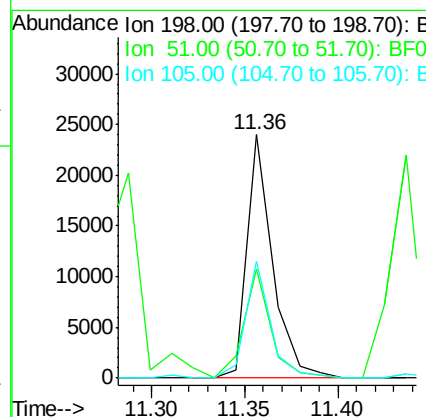
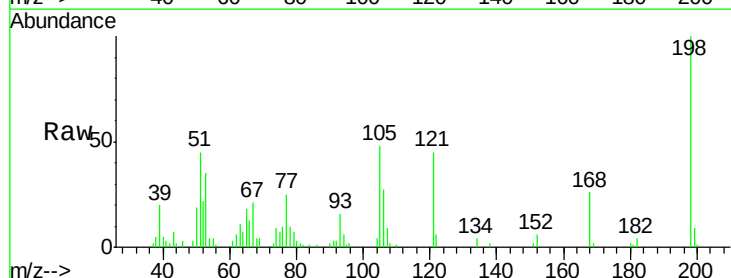
Manual Integrations
 APPROVED

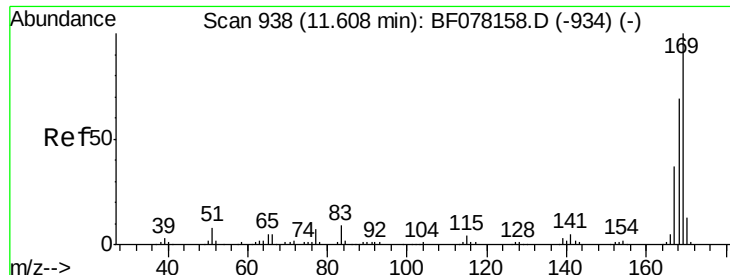
apatel
 4/14/2015 5:30:07 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.70 ng
 RT: 11.36 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	44.7	48.6	88.6#
105	48.0	45.8	85.8





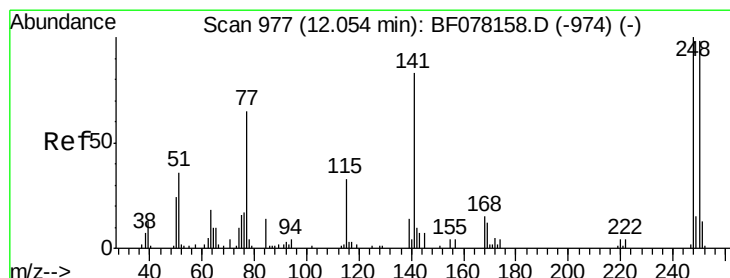
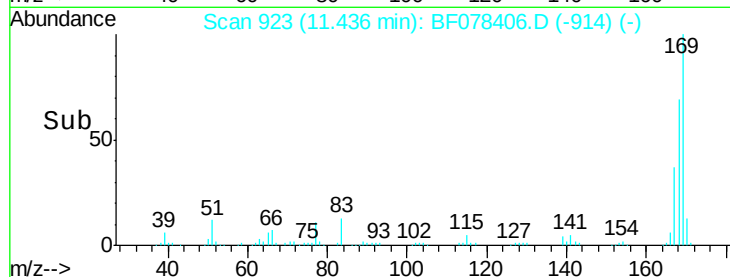
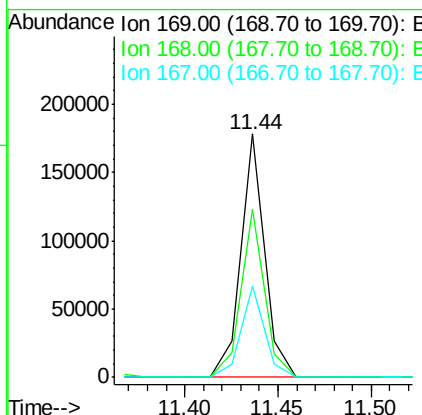
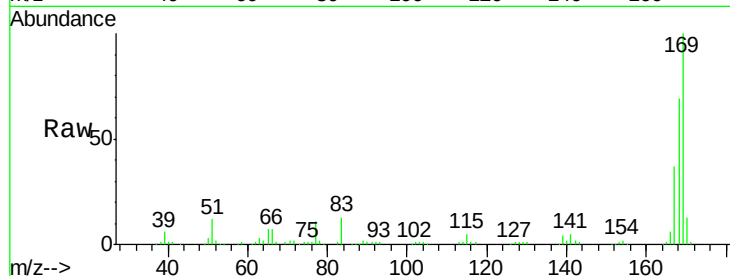
#65
 n-Nitrosodiphenylamine
 Concen: 30.25 ng
 RT: 11.44 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	158617		
168	69.1	55.0	82.4	
167	37.4	29.3	43.9	

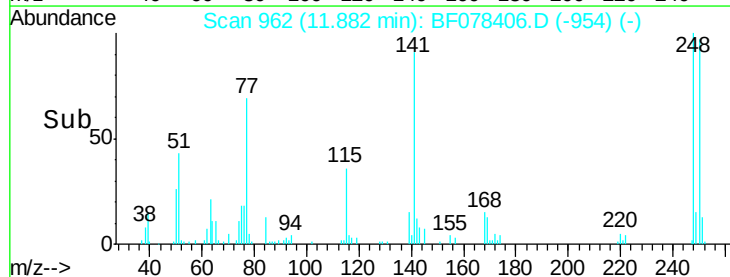
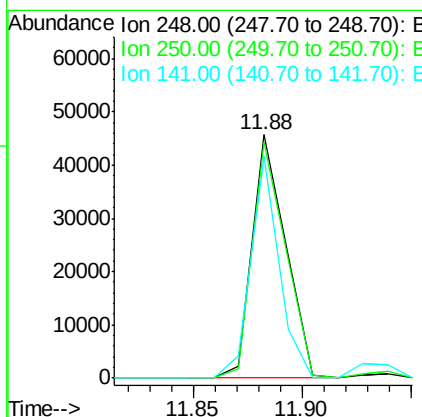
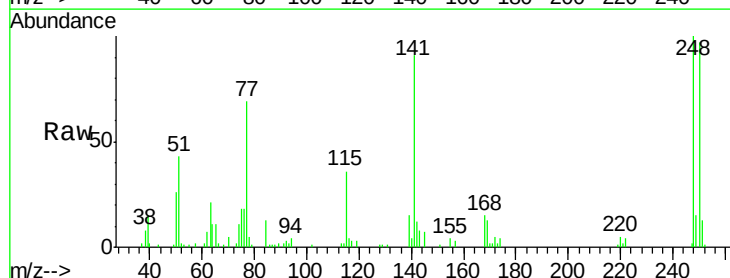
Manual Integrations
 APPROVED

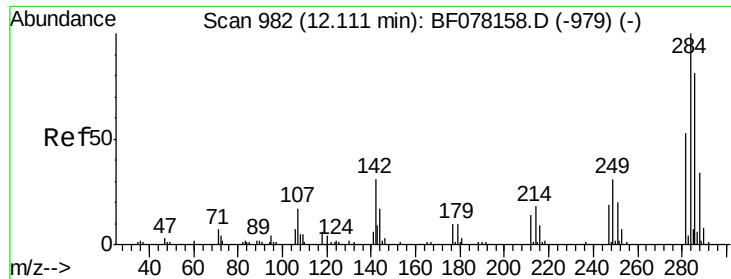
apatel
 4/14/2015 5:30:07 PM



#66
 4-Bromophenyl-phenylether
 Concen: 30.51 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	48995		
250	97.0	78.2	117.2	
141	91.2	66.4	99.6	





#67

Hexachlorobenzene

Concen: 31.47 ng

RT: 11.94 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF078406.D

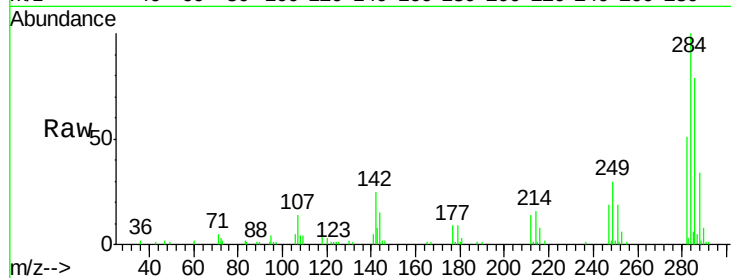
Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

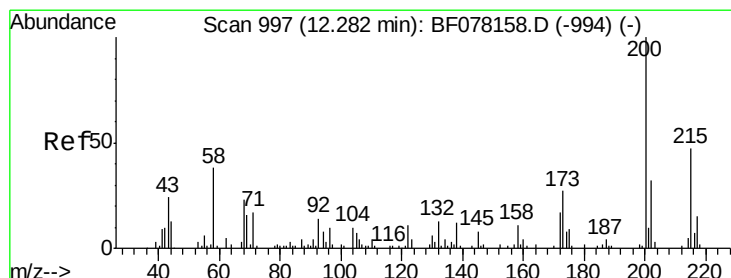
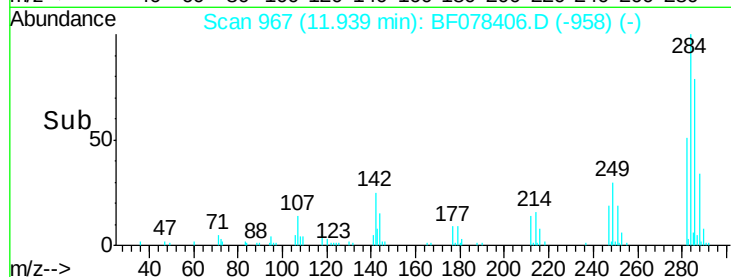
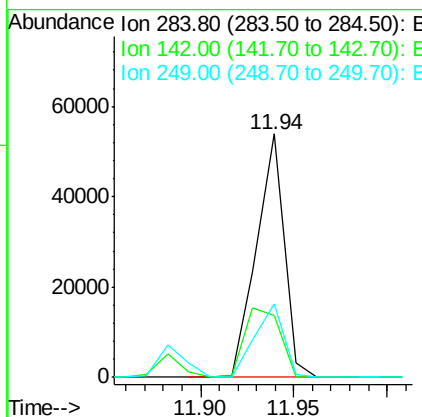
PB82775BS



Tgt Ion:	284	Resp:	55367
Ion Ratio	Lower	Upper	
284	100		
142	25.4	24.5	36.7
249	30.2	24.8	37.2

Manual Integrations
APPROVED

apatel
4/14/2015 5:30:07 PM



#68

Atrazine

Concen: 34.74 ng

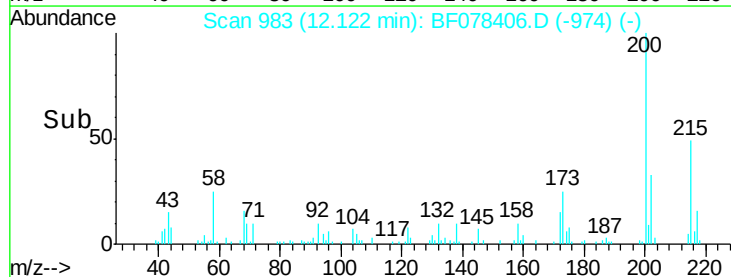
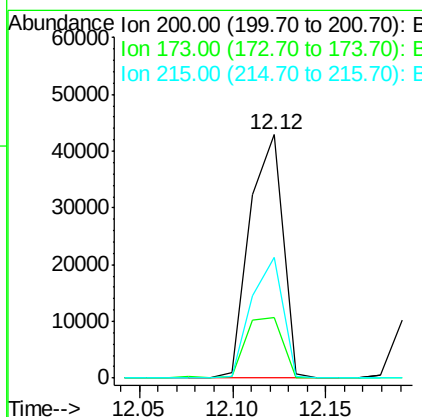
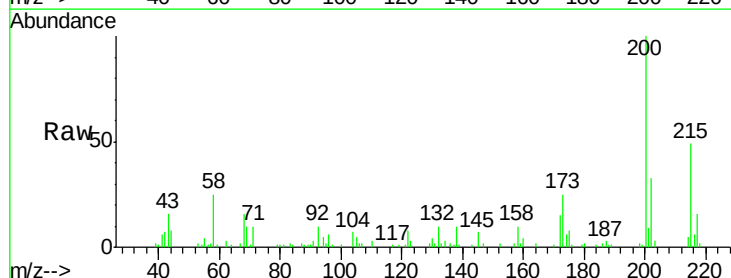
RT: 12.12 min Scan# 983

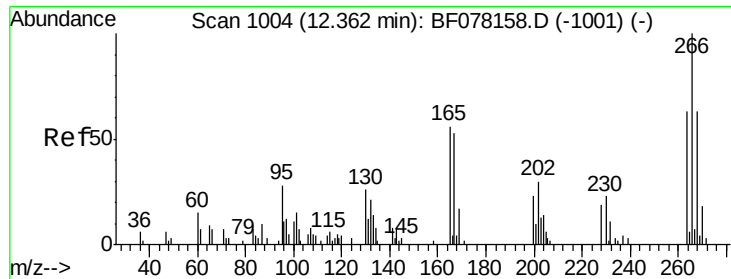
Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Tgt Ion:	200	Resp:	52766
Ion Ratio	Lower	Upper	
200	100		
173	25.0	6.9	46.9
215	49.5	27.1	67.1





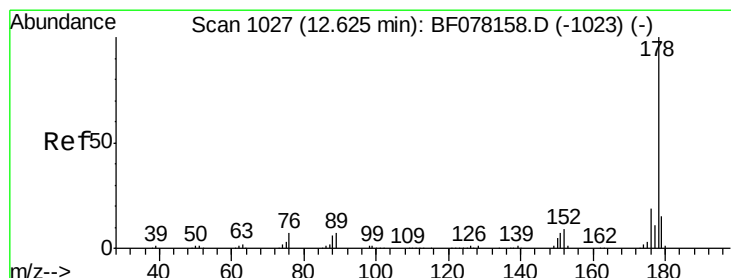
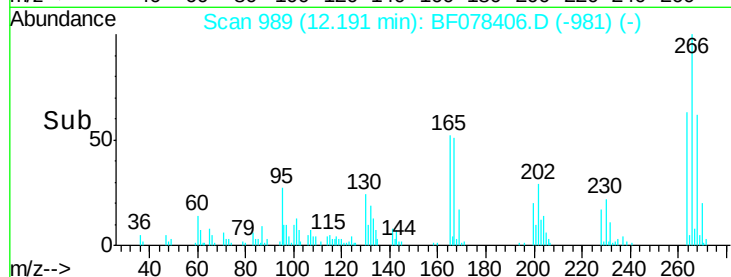
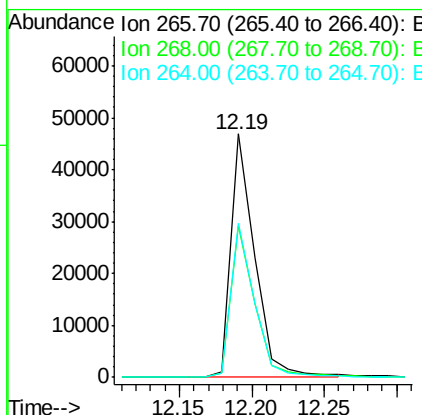
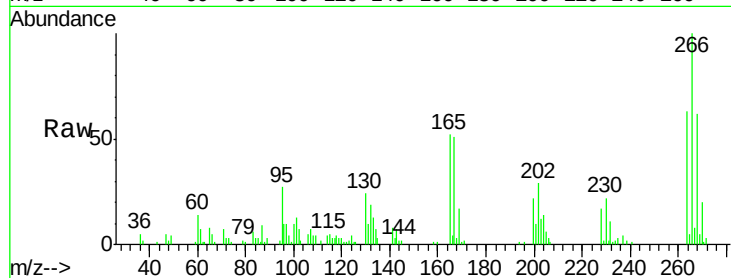
#69
 Pentachlorophenol
 Concen: 69.75 ng
 RT: 12.19 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	53565		
268	62.2	50.1	75.1	
264	63.3	50.0	75.0	

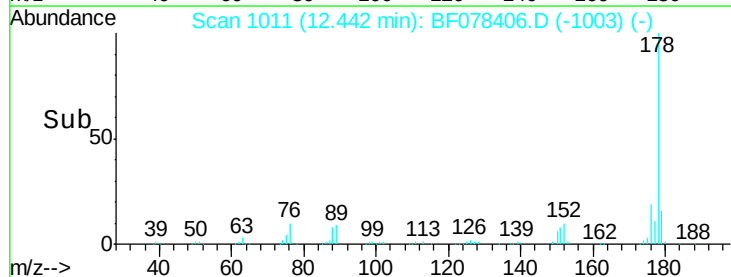
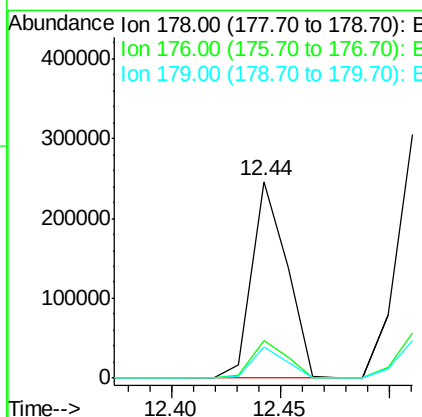
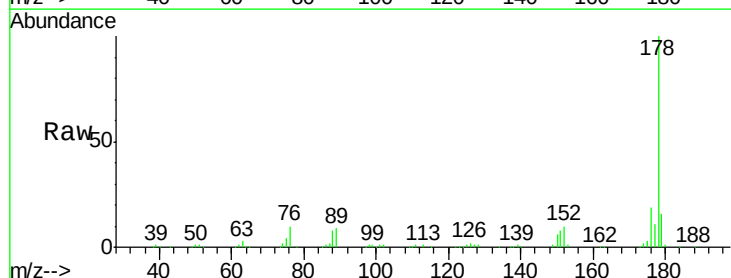
Manual Integrations
 APPROVED

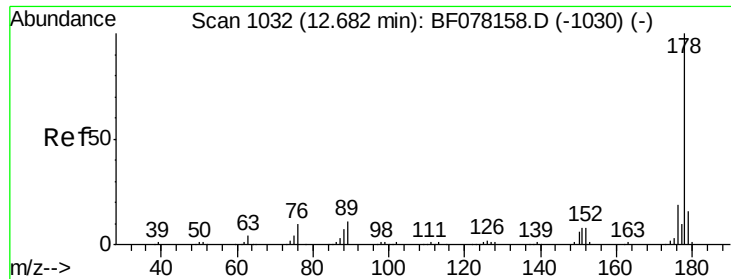
apatel
 4/14/2015 5:30:07 PM



#70
 Phenanthrene
 Concen: 31.55 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	276662		
176	18.9	15.4	23.0	
179	15.9	12.2	18.2	





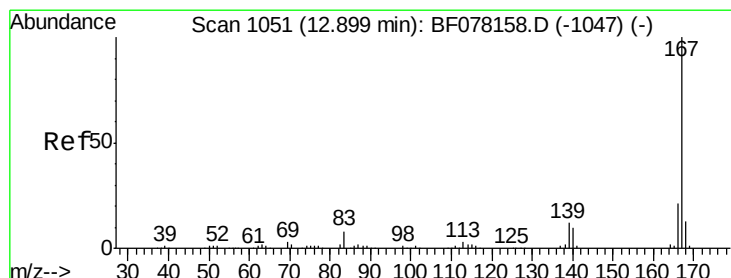
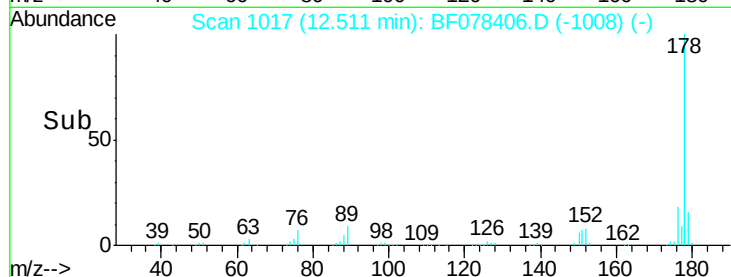
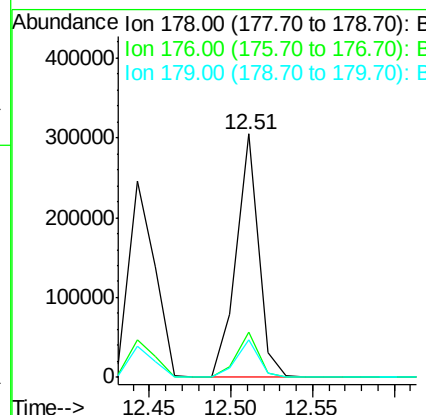
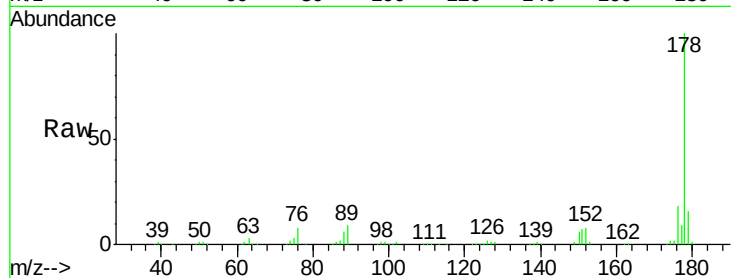
#71
 Anthracene
 Concen: 33.23 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	287194		
176	18.4	14.8	22.2	
179	15.7	12.4	18.6	

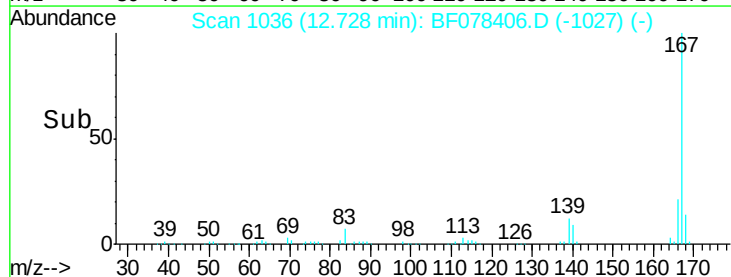
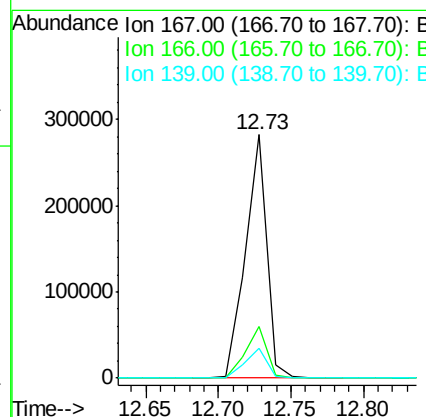
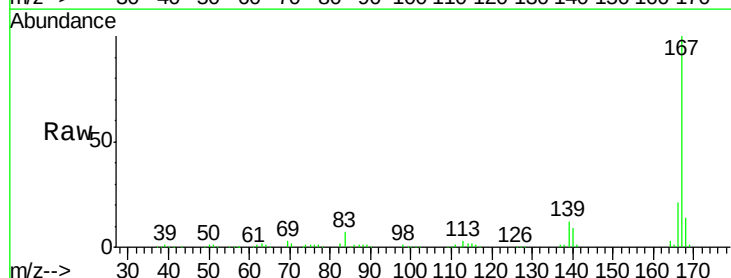
Manual Integrations
 APPROVED

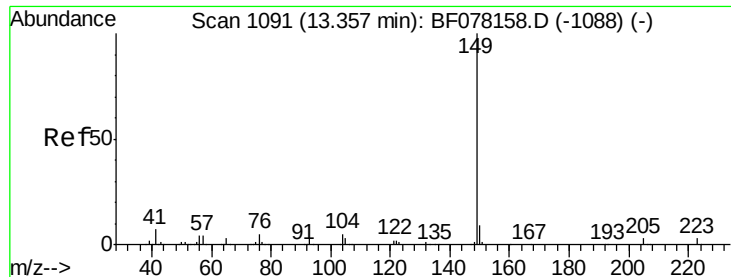
apatel
 4/14/2015 5:30:07 PM



#72
 Carbazole
 Concen: 35.62 ng
 RT: 12.73 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	288463		
166	21.4	16.8	25.2	
139	12.2	10.0	15.0	





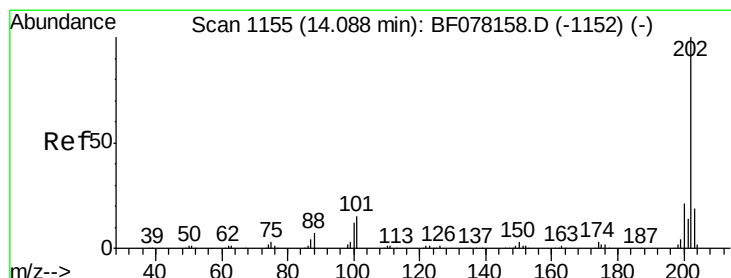
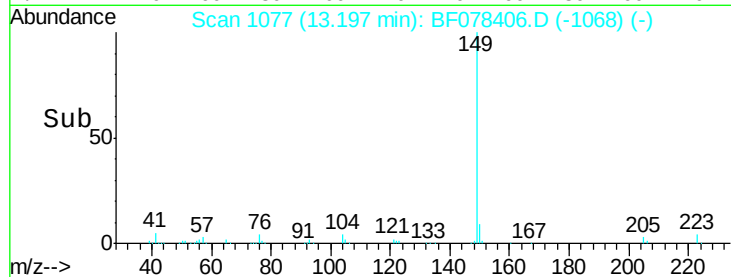
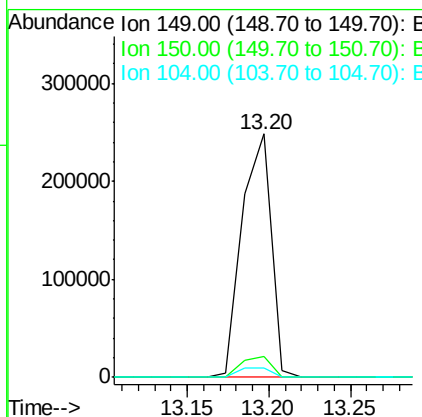
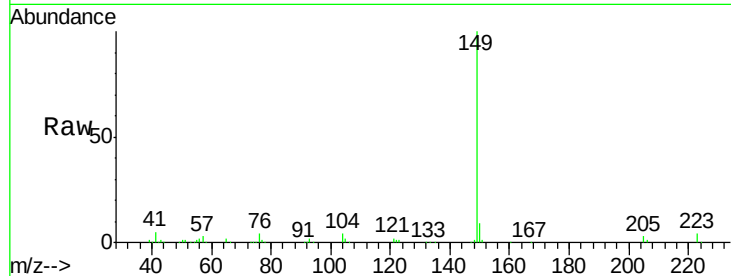
#73
Di-n-butylphthalate
Concen: 33.47 ng
RT: 13.20 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Instrument :
BNA_F
ClientSampleId :
PB82775BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	307081		
150	8.7	7.1	10.7	
104	3.8	3.8	5.6	

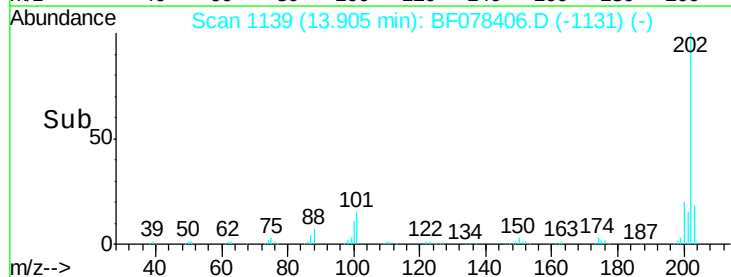
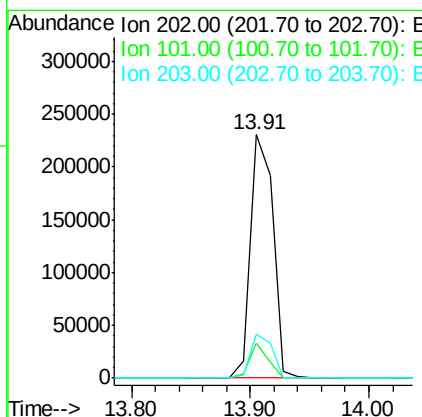
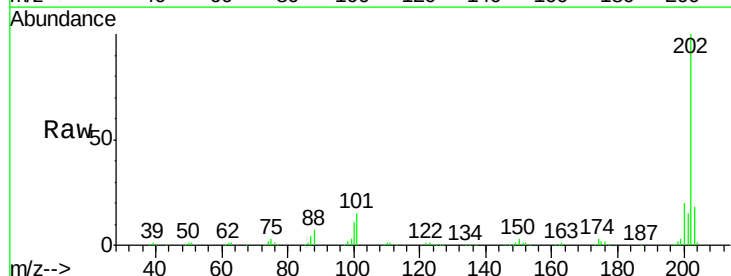
Manual Integrations
APPROVED

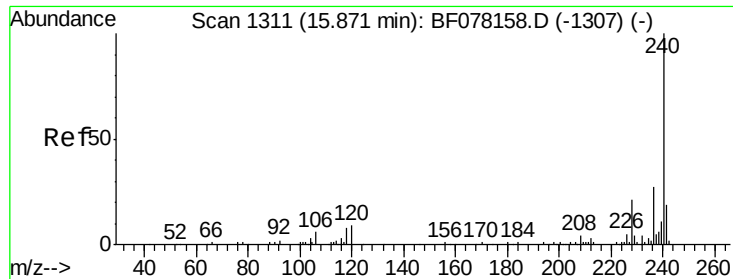
apatel
4/14/2015 5:30:07 PM



#74
Fluoranthene
Concen: 33.22 ng
RT: 13.91 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	307223		
101	14.6	0.0	35.2	
203	17.9	0.0	38.5	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.68 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

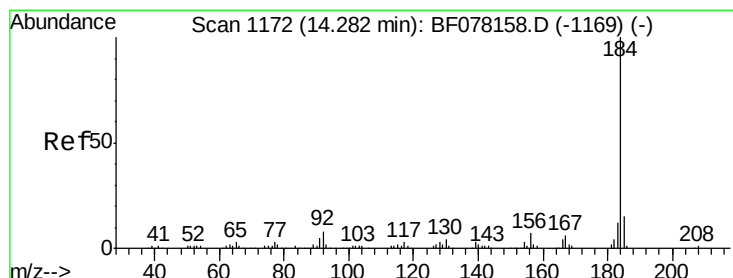
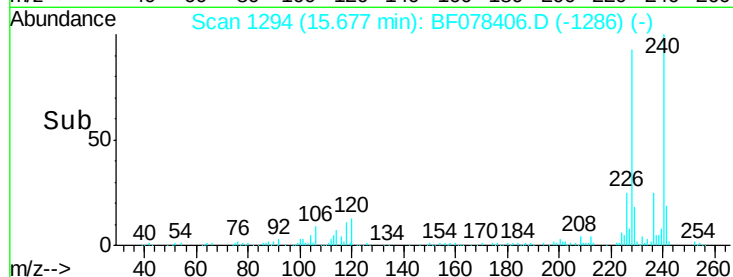
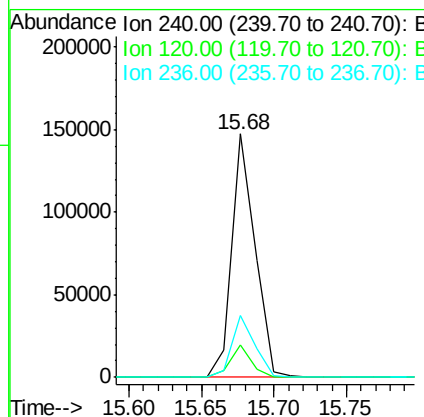
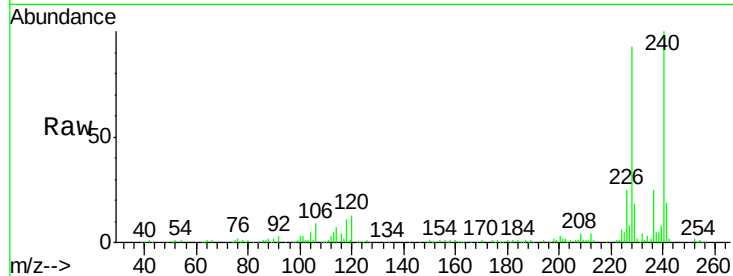
ClientSampleId :

PB82775BS

Tgt Ion:	240	Resp:	164275
Ion Ratio	Lower	Upper	
240	100		
120	13.2	7.1	10.7#
236	25.4	21.4	32.2

Manual Integrations
APPROVED

apatel
4/14/2015 5:30:07 PM



#76

Benzidine

Concen: 16.14 ng

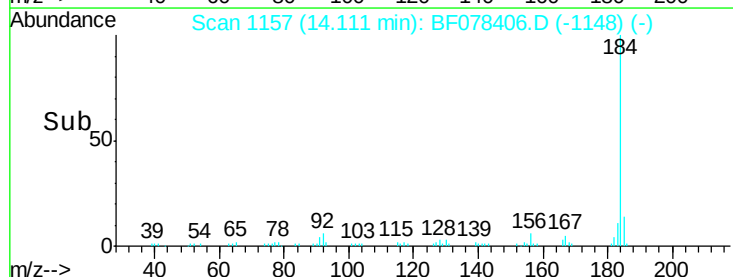
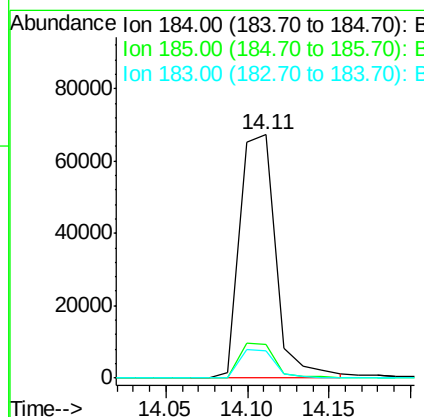
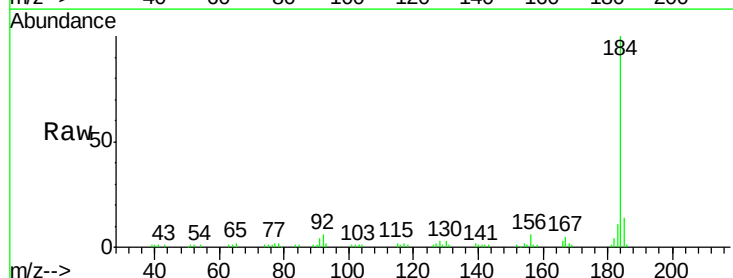
RT: 14.11 min Scan# 1157

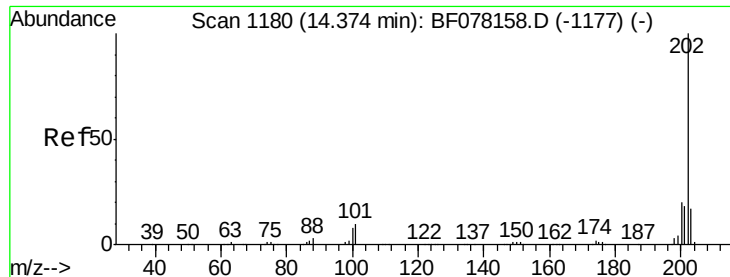
Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Tgt Ion:	184	Resp:	102075
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.2	18.2
183	11.0	9.5	14.3





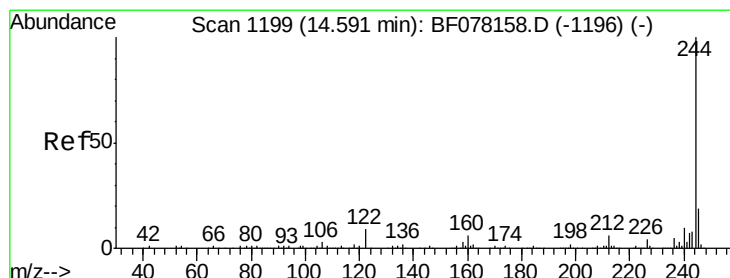
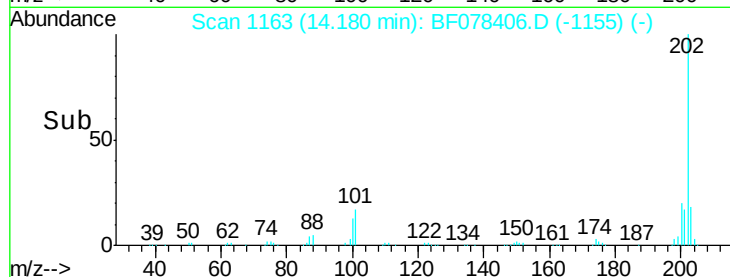
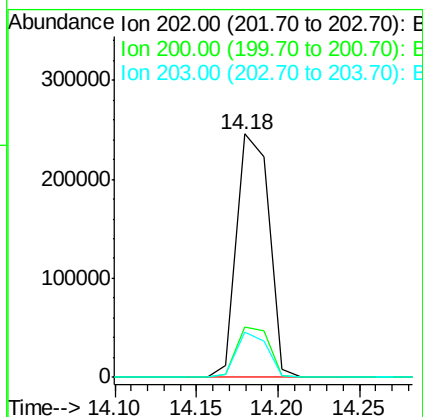
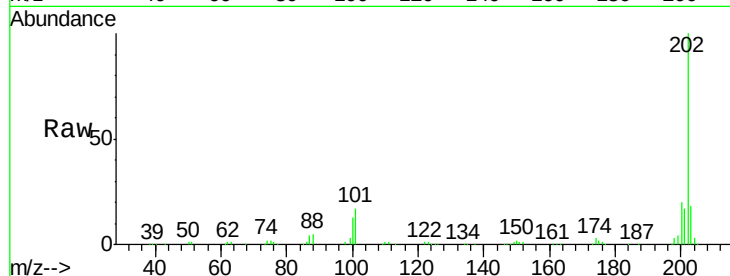
#77
 Pyrene
 Concen: 32.58 ng
 RT: 14.18 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.4	16.3	24.5
203	18.4	13.8	20.6

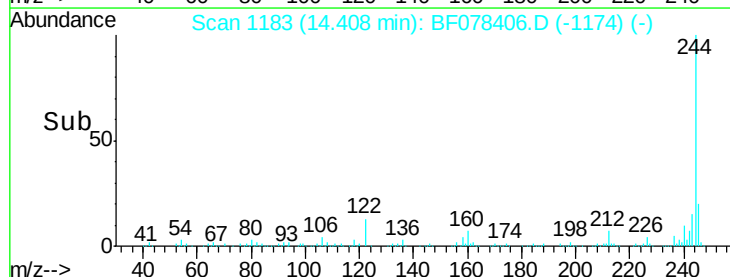
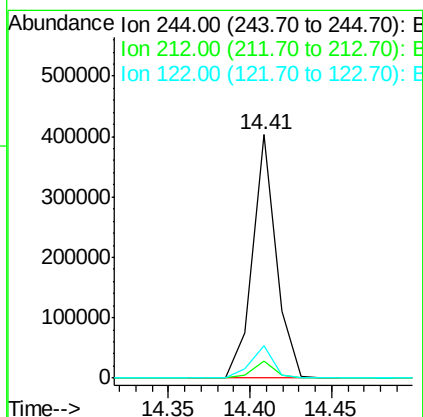
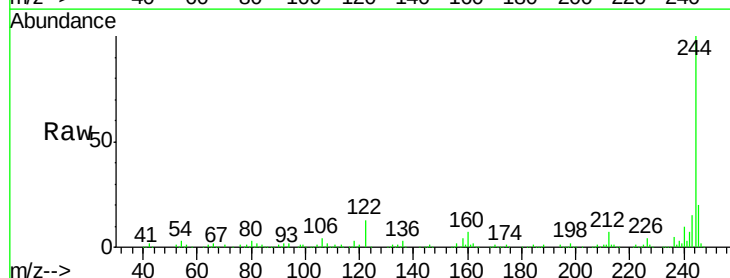
Manual Integrations
 APPROVED

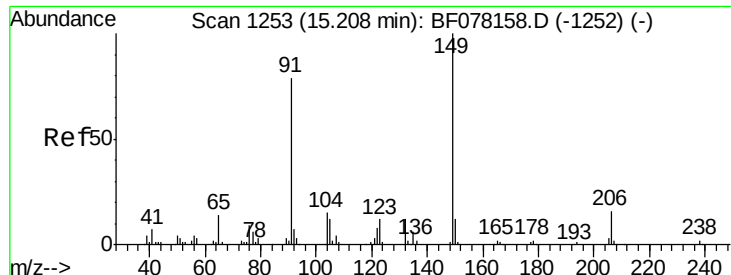
apatel
 4/14/2015 5:30:07 PM



#78
 Terphenyl-d14
 Concen: 55.82 ng
 RT: 14.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	5.0	7.4
122	13.2	7.1	10.7#





#79

Butylbenzylphthalate

Concen: 35.55 ng

RT: 15.04 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF078406.D

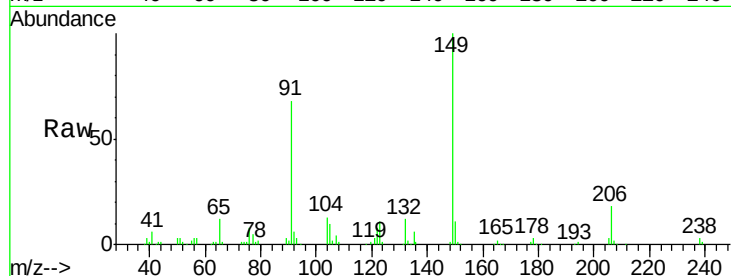
Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

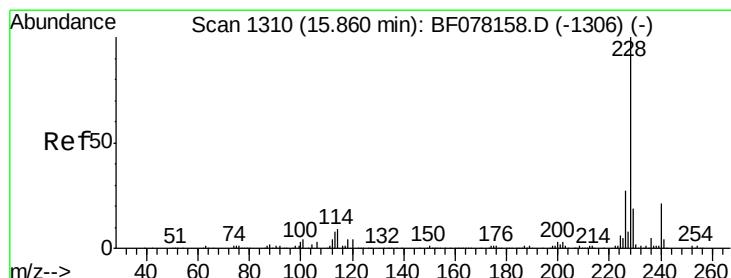
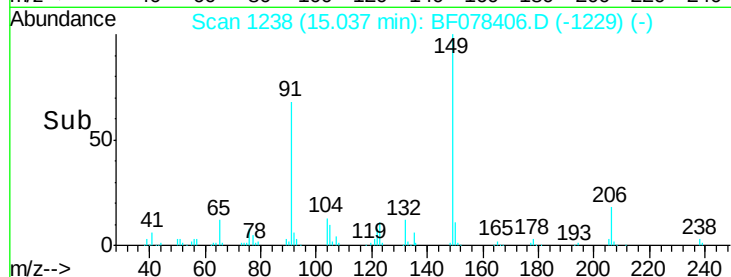
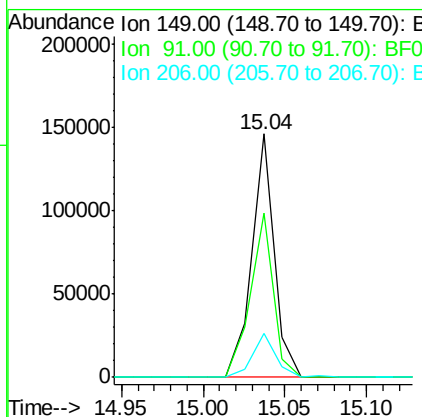
PB82775BS



Tgt Ion:	149	Resp:	139737
Ion Ratio	Lower	Upper	
149	100		
91	67.7	64.2	96.2
206	18.0	12.6	18.8

Manual Integrations
APPROVED

apatel
4/14/2015 5:30:07 PM



#80

Benzo(a)anthracene

Concen: 32.77 ng

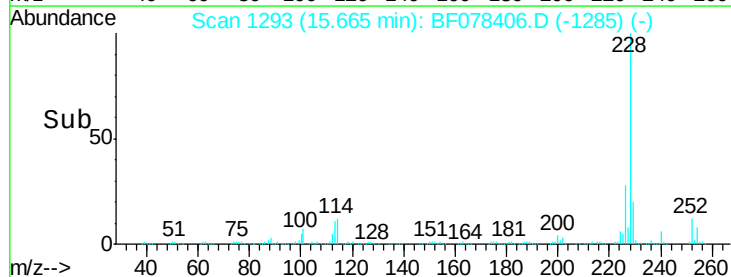
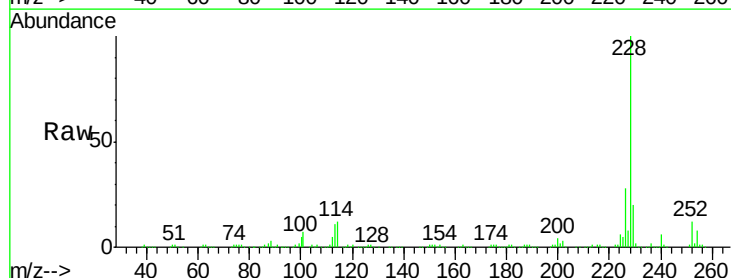
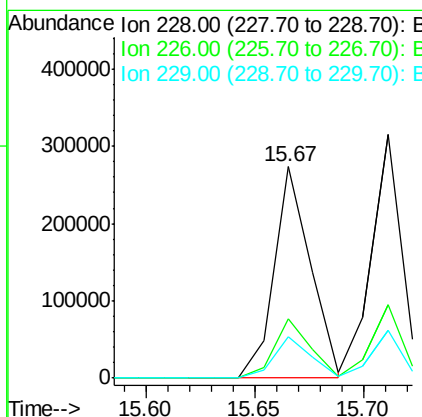
RT: 15.67 min Scan# 1293

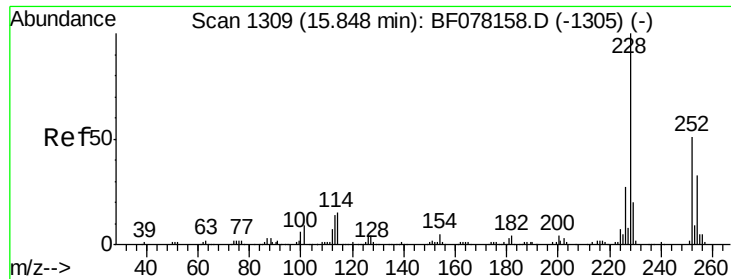
Delta R.T. -0.01 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Tgt Ion:	228	Resp:	320266
Ion Ratio	Lower	Upper	
228	100		
226	27.9	21.3	31.9
229	19.8	15.4	23.2





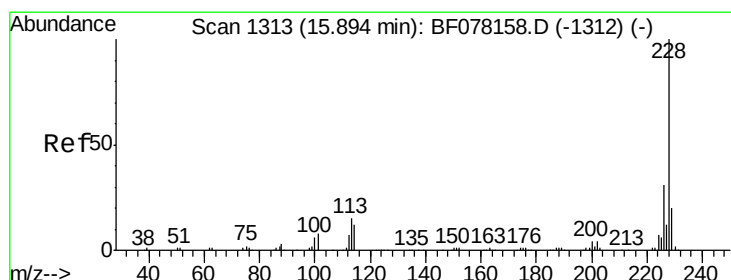
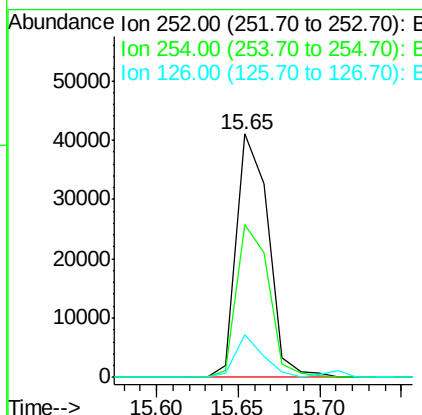
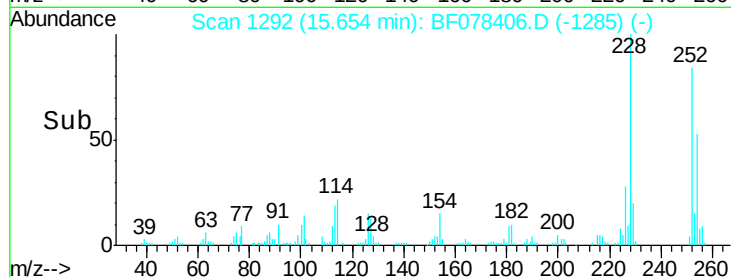
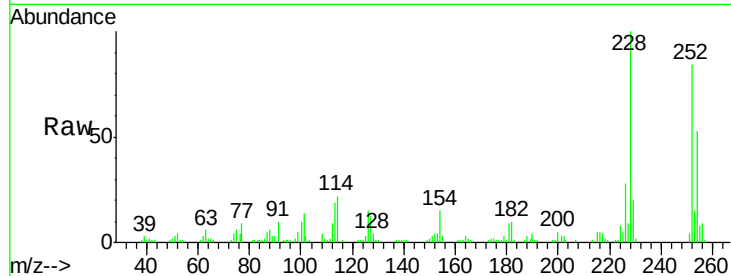
#81
 3,3'-Dichlorobenzidine
 Concen: 16.84 ng
 RT: 15.65 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	55127		
254	62.7	51.2	76.8	
126	17.3	6.3	9.5#	

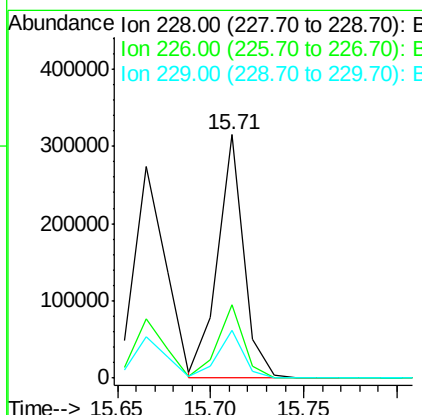
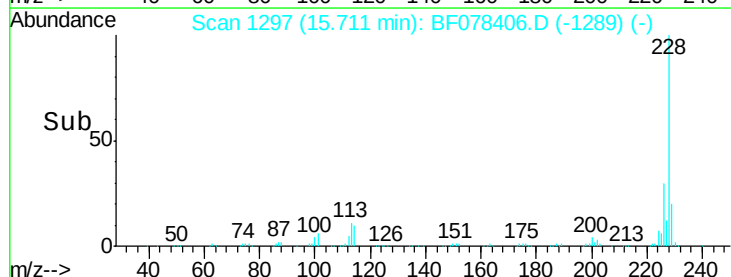
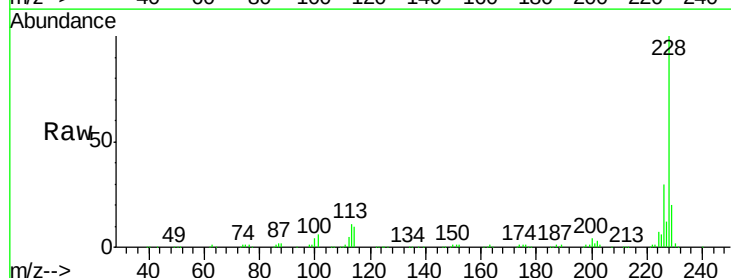
Manual Integrations
 APPROVED

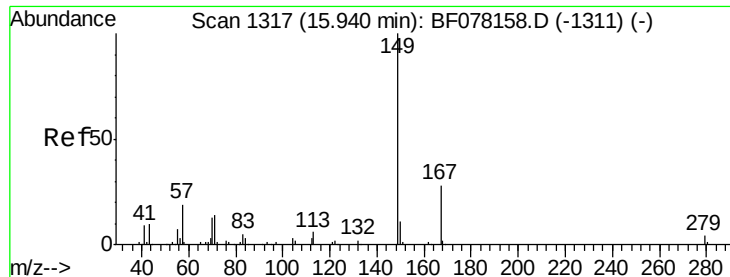
apatel
 4/14/2015 5:30:07 PM



#82
 Chrysene
 Concen: 33.36 ng
 RT: 15.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	306324		
226	30.3	24.2	36.4	
229	19.9	15.8	23.8	





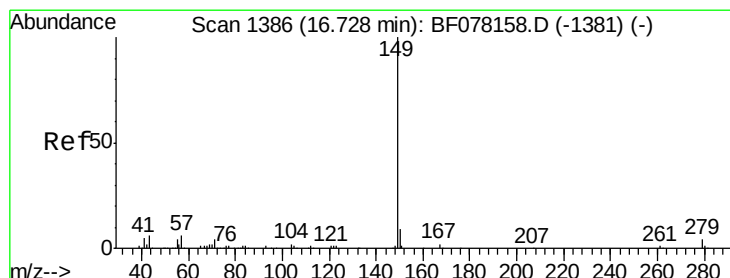
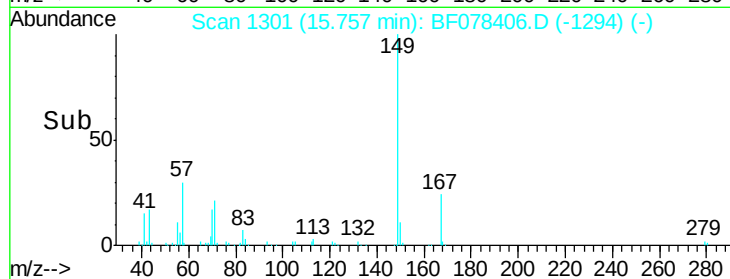
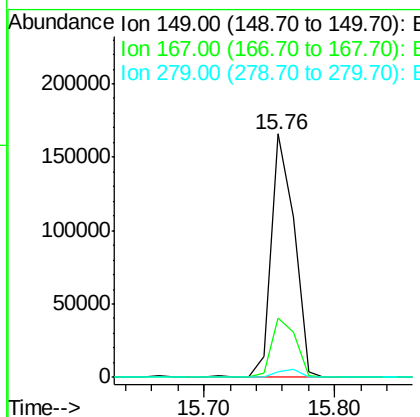
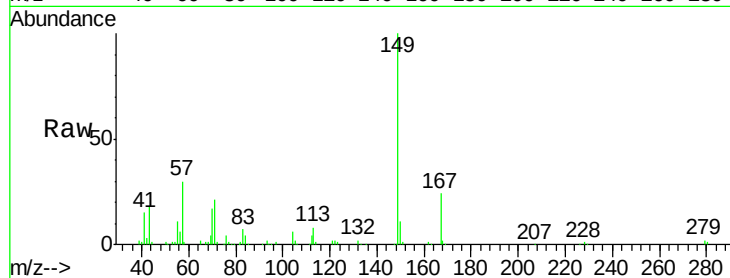
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.71 ng
 RT: 15.76 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	201623		
167	24.4	22.2	33.2	
279	2.3	3.2	4.8#	

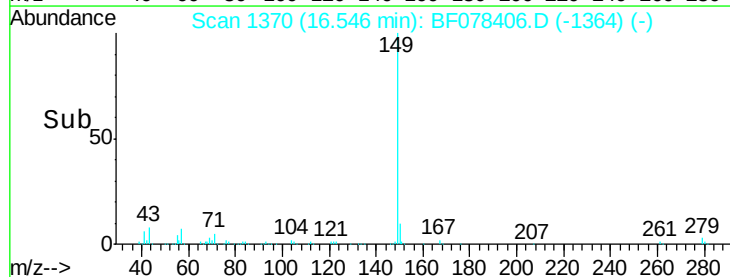
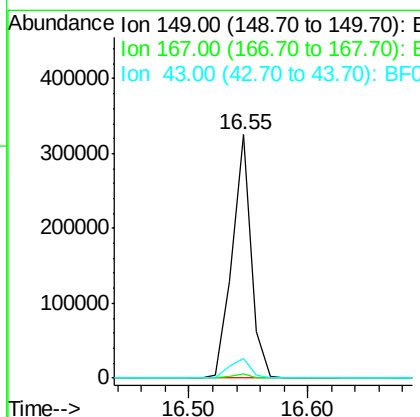
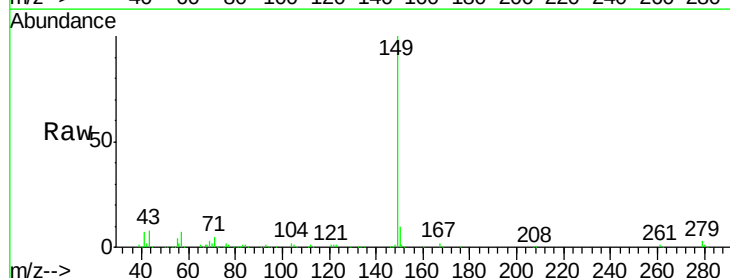
Manual Integrations
 APPROVED

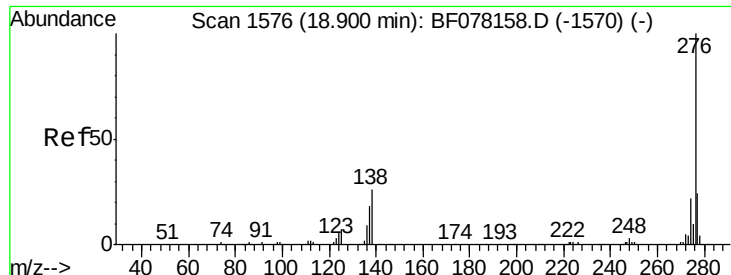
apatel
 4/14/2015 5:30:07 PM



#84
 Di-n-octyl phthalate
 Concen: 35.56 ng
 RT: 16.55 min Scan# 1370
 Delta R.T. -0.03 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	359973		
167	1.6	0.0	0.0#	
43	8.7	0.0	0.0#	





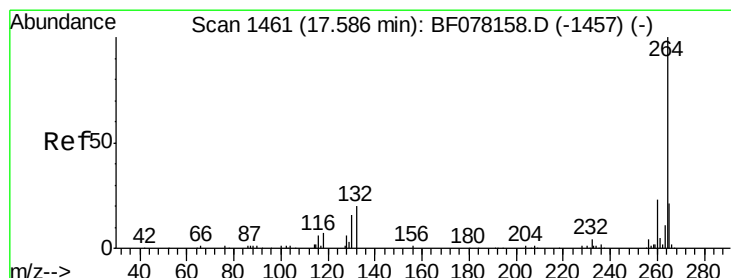
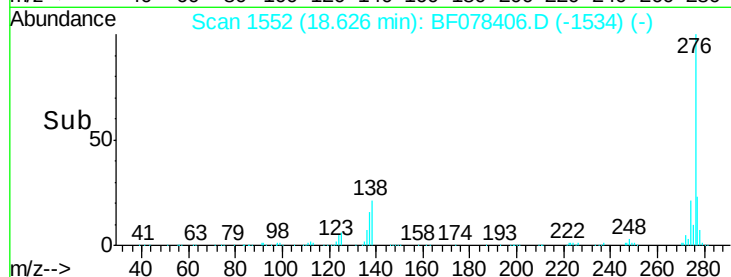
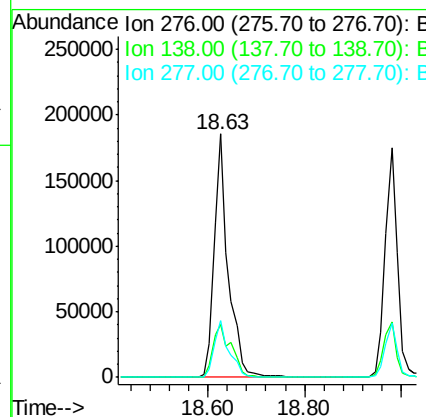
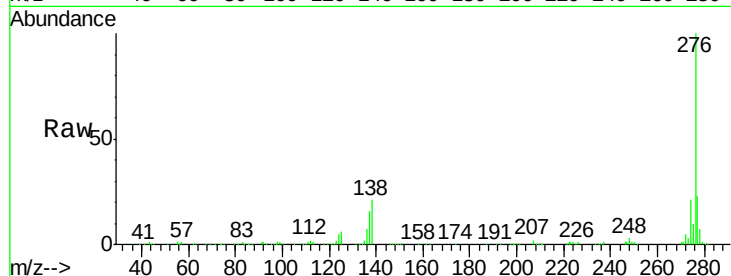
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.52 ng
 RT: 18.63 min Scan# 1552
 Delta R.T. -0.09 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	28.1	16.9	25.3#
277	25.0	15.8	23.6#

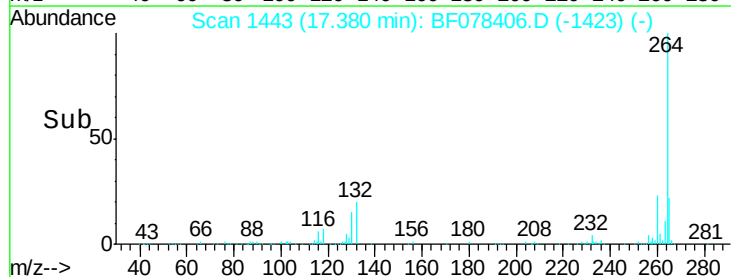
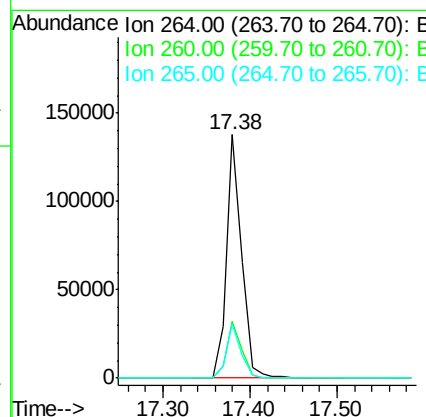
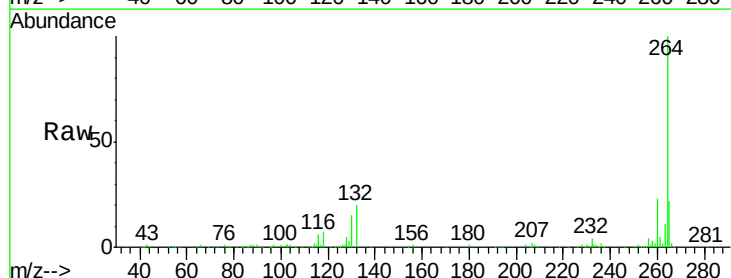
Manual Integrations
 APPROVED

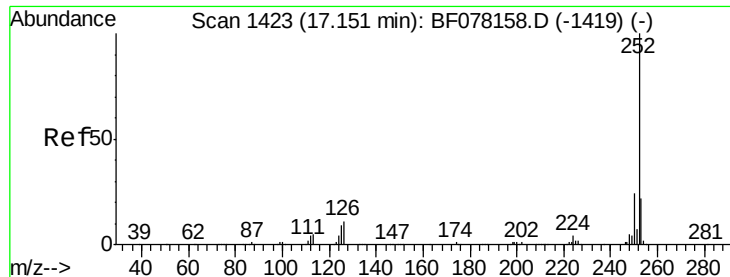
apatel
 4/14/2015 5:30:07 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.38 min Scan# 1443
 Delta R.T. -0.07 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.2	18.6	27.8
265	22.4	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 37.73 ng

RT: 16.95 min Scan# 1405

Delta R.T. -0.06 min

Lab File: BF078406.D

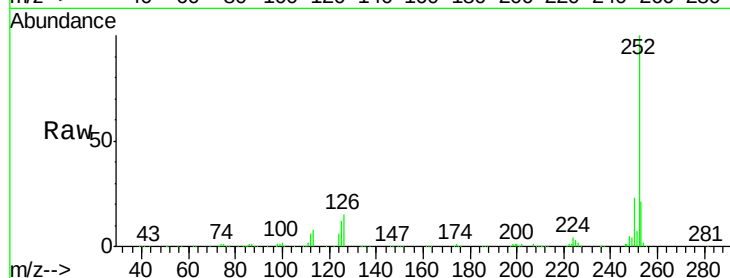
Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

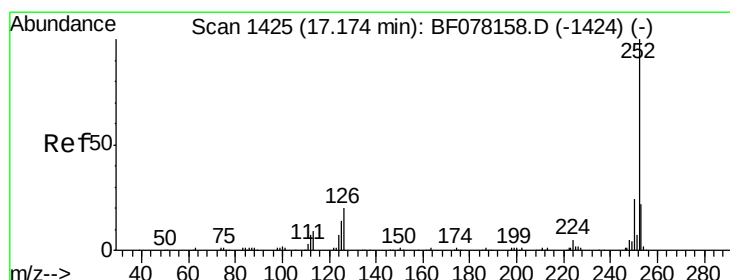
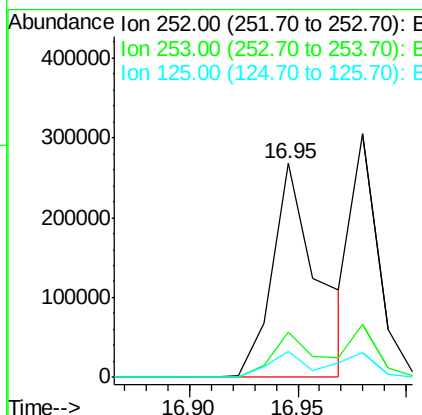
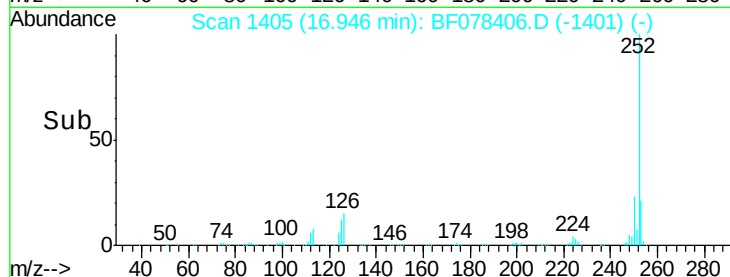
PB82775BS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	11.9	7.0	10.4

Manual Integrations
APPROVED

apatel
4/14/2015 5:30:07 PM



#88

Benzo(k)fluoranthene

Concen: 28.25 ng m

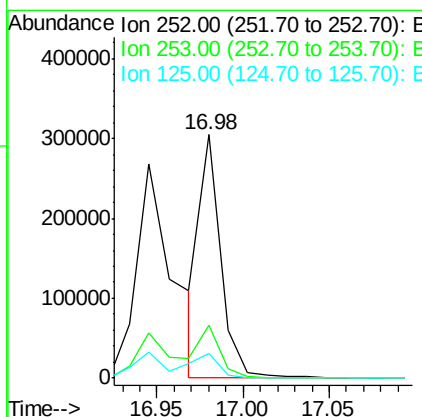
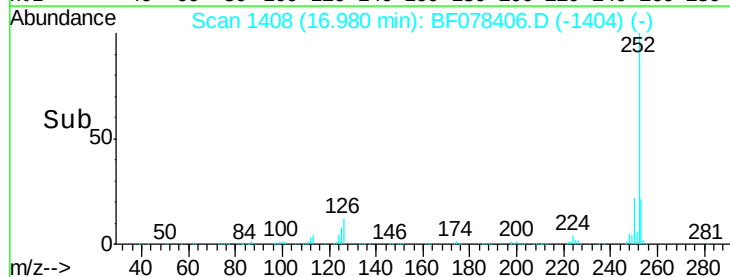
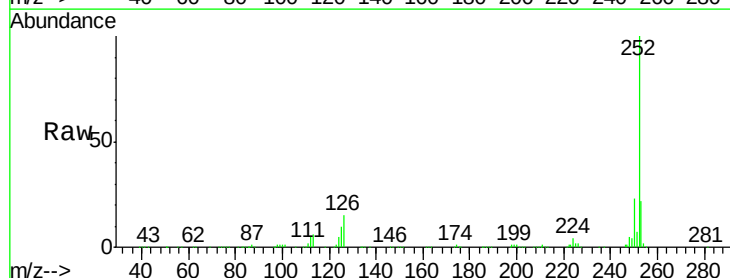
RT: 16.98 min Scan# 1408

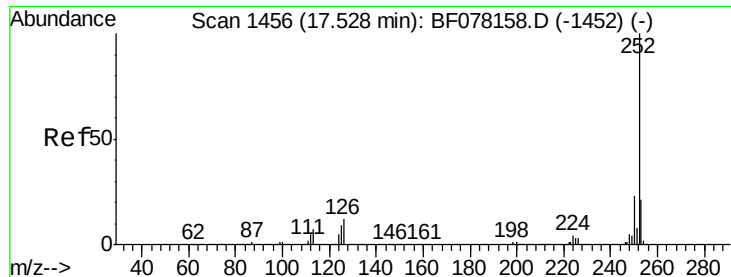
Delta R.T. -0.06 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.2	11.6	17.4





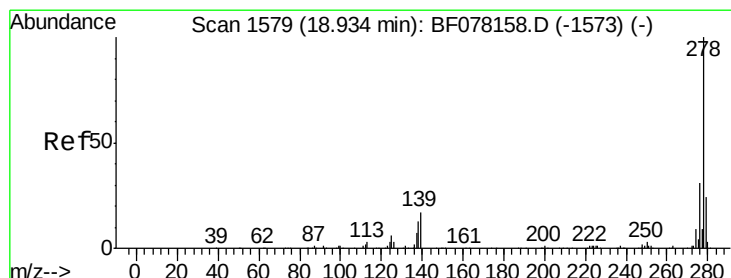
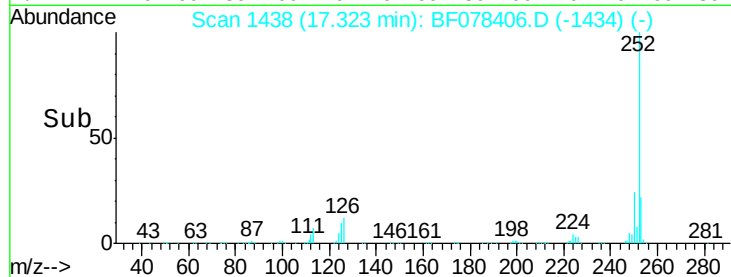
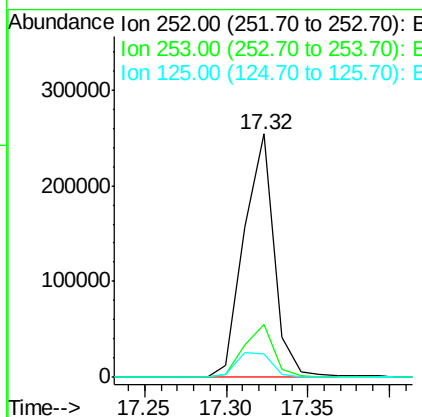
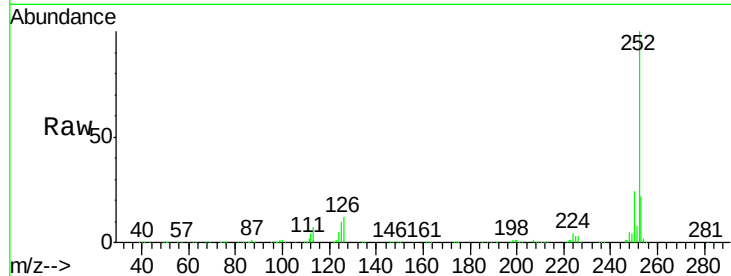
#89
Benzo(a)pyrene
Concen: 36.02 ng
RT: 17.32 min Scan# 1438
Delta R.T. -0.06 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Instrument :
BNA_F
ClientSampleId :
PB82775BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	327049		
253	21.7	16.8	25.2	
125	9.7	7.4	11.0	

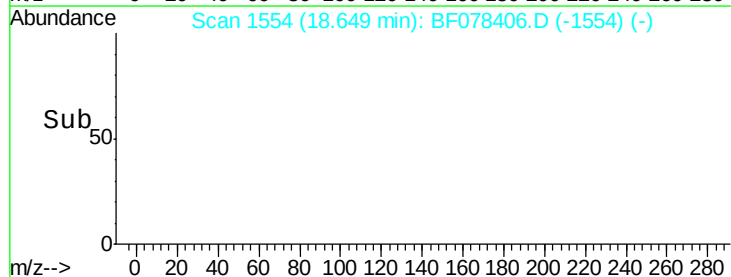
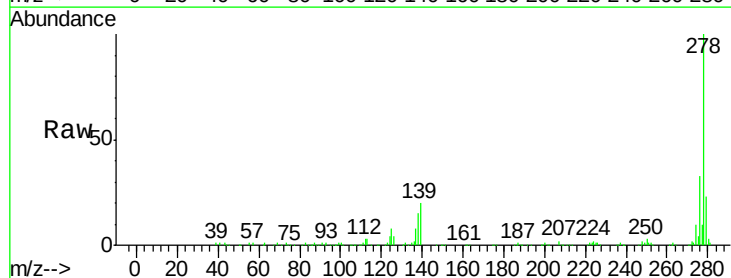
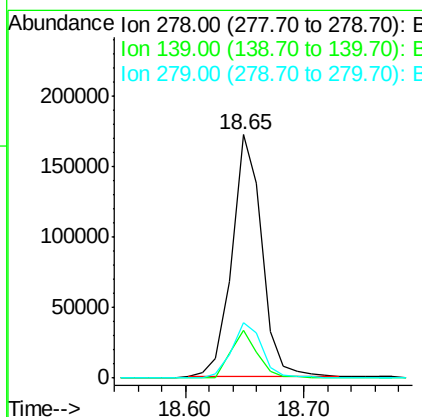
Manual Integrations
APPROVED

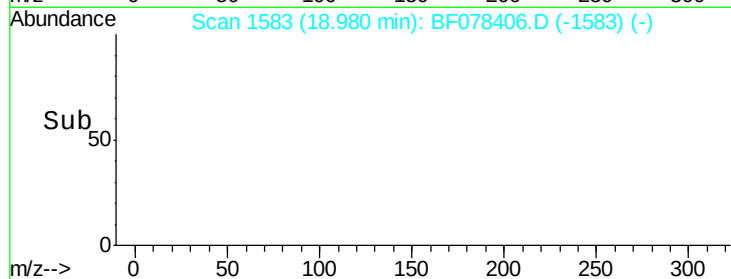
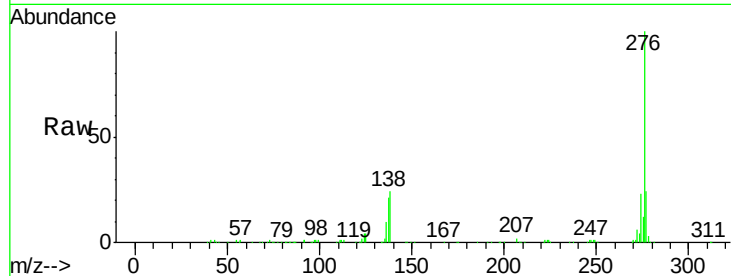
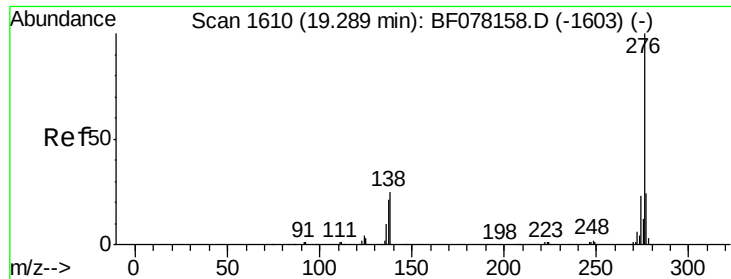
apatel
4/14/2015 5:30:07 PM



#90
Dibenzo(a,h)anthracene
Concen: 33.23 ng
RT: 18.65 min Scan# 1554
Delta R.T. -0.10 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	302026		
139	19.7	13.6	20.4	
279	22.9	19.0	28.6	





#91
 Benzo(g,h,i)perylene
 Concen: 33.82 ng
 RT: 18.98 min Scan# 1583
 Delta R.T. -0.10 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.5	19.0	28.4
138	24.0	19.9	29.9

Manual Integrations
 APPROVED

apatel
 4/14/2015 5:30:07 PM

